Expand the viewer bookmarks in the sidebar, or use the hyperlinks to jump to the section required.

MED-361_@100cP_EU_English.pdf MED-361_@350cP_EU_English.pdf MED-361_@1000cP_EU_English.pdf MED-361_@4000cP_EU_English.pdf MED-361_@6000cP_EU_English.pdf MED-361_@10000cP_EU_English.pdf MED-361_@20000cP_EU_English.pdf MED-361_@30000cP_EU_English.pdf MED-361_@50000cP_EU_English.pdf MED-361_@100000cP_EU_English.pdf MED-361_00000cP_EU_English.pdf MED-361_00000cP_EU_English.pdf MED-361_00000cP_EU_English.pdf MED-361_00000cP_EU_English.pdf

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Revision date: 27/11/2020 Date of issue: 05/10/2013



Avantor



Version: 3.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Form Product Name CAS No Synonyms

Substance MED-361 @ 100 cP 63148-62-9 Silicone Fluid

1.2. Relevant identified uses of the substance or mixture and uses advised against 1.2.1.Relevant identified uses

Industrial/Professional use spec For professional use only.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet NuSil Technology Europe

1198 Avenue Maurice Donat Le Natura Bt. 2 06250 Mougins France +33 4 92 96 93 31 ehs@nusil.com www.nusil.com

1.4. Emergency telephone number

: 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International Emergency and Maritime) +(44)-870-8200418 +(353)-19014670

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified

Adverse physicochemical, human health and environmental effects No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

2.3. Other Hazards

Other hazards not contributing None under normal conditions. to the classification

number

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 3: Composition/information on ingredients

3.1. Substance

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Siloxanes and Silicones, di-Me	(CAS No) 63148-62-9	100	Not classified

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.
Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
Rinse mouth. Do NOT induce vomiting. Obtain medical
attention.
and effects, both acute and delayed
Not expected to present a significant hazard under anticipated conditions of normal use.
Prolonged exposure may cause irritation.
Prolonged exposure may cause skin irritation.
May cause slight irritation to eyes.
Ingestion may cause adverse effects.
None expected under normal conditions of use.

4.3. Indication of any immediate medical attention and special treatment needed If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray, dry chemical, alcohol-resistant foam, carbon dioxide.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Unsuitable extinguishing media	Do not use a heavy water stream. Use of heavy stream of water may spread fire. Application of water stream to hot product may cause frothing and increase fire intensity.
5.2. Special hazards arising f	rom the substance or mixture
Fire hazard	Not considered flammable but may burn at high
	temperatures.
Explosion hazard	Product is not explosive.
Reactivity	Hazardous reactions will not occur under normal conditions.
5.3. Advice for firefighters	
Precautionary measures fire	Exercise caution when fighting any chemical fire.
Firefighting instructions	Use water spray or fog for cooling exposed containers.
Protection during firefighting	Do not enter fire area without proper protective equipment,
	including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precaution	ns, protective equipment and emergency procedures
General measures	Avoid prolonged contact with eyes, skin and clothing. Avoid breathing (vapour, mist, spray).
6.1.1. For non-emer	gency personnel
Protective equipment Emergency procedures	Use appropriate personal protective equipment (PPE). Evacuate unnecessary personnel.
6.1.2. For emergend	
Protective equipment Emergency procedures	Equip cleanup crew with proper protection. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area
6.2. Environmental prec	autions
Prevent entry to sewers an	d public waters.
6.3. Methods and mater	ial for containment and cleaning up
For containment	Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up

Clean up spills immediately and dispose of waste safely.

Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to other sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapours, mist, spray.
Hygiene measures	Handle in accordance with good industrial hygiene and safety procedures.

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

7.2. Conditions for safe storage, including any incompatibilities

Technical measuresComply with applicable regulations.Storage conditionsKeep container closed when not in use. Store in a dry, cool
place. Keep/Store away from direct sunlight, extremely high or
low temperatures and incompatible materials.Incompatible productsStrong acids, strong bases, strong oxidizers.

7.3. Specific end use(s)

Cosmetics, personal care products. For professional use only.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls Personal protective equipment

Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Gloves. Protective clothing. Protective goggles.



- Materials for protective clothing Hand protection Eye protection Skin and body protection Respiratory protection
- Chemically resistant materials and fabrics.
- Wear protective gloves.
- Chemical safety goggles.
- Wear suitable protective clothing.
- If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection. When using, do not eat, drink or smoke.

Other information

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless
Odour	: No data available
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate	: No data available
(butylacetate=1)	
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: >135 °C (>275 °F)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available

EN (Enalish)

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative Density	: 0.97 (Water = 1)
Solubility	: No data available
Partition coefficient: n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	
VOC Content	: <1%

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizers.

10.6. Hazardous decomposition products

Thermal decomposition generates: Carbon oxides (CO, CO₂). Silicon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Not classified
Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitisation Germ cell mutagenicity Carcinogenicity	Not classified Not classified Not classified Not classified Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity (sin exposure)	ngle : Not classified
Specific target organ toxicity (re exposure)	epeated : Not classified
Aspiration hazard	Not classified

SECTION 12: Ecological information

12.1.Toxicity

Ecology - general

Not classified.

EN (English)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

12.2. Persistence and degradability		
Siloxanes and Silicones, di-Me (63148-62-9)		
Persistence and degradability	Not established.	
12.3. Bioaccumulative potential		
Siloxanes and Silicones, di-Me (63148-62-9)		
Bioaccumulative potential Not established.		
12.4. Mobility in soil		
No additional information available		
12.5. Results of PBT and vPvB assessment		
No additional information available		

12.6. Other adverse effects

Other information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal	Dispose of contents/container in accordance with local,
recommendations	regional, national, and international regulations.
Ecology - waste materials	Avoid release to the environment.

SECTION 14: Transport information

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	ΙΑΤΑ	ADN	RID		
14.1. UN number						
Not regulated for tr	Not regulated for transport					
14.2. UN proper sh	nipping name					
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		
14.3. Transport ha	zard class(es)					
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		
14.4. Packing gro	up					
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		
14.5. Environment	al hazards					
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant :	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No		
	No					

14.6. Special precautions for user

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Section	Section Header		Change	Date Changed
1	Identification of the substance/mixture and of the company/undertaking		Modified	27/11/2020
Date of Prepa Revision	ration or Latest	27/11/2020		
Data sources Data		e from database websites, produc ific information, ta and classifica	subscriptions, official t/ingredient and/or resources that	

Other information According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Abbreviations and Acronyms

ACGIH – American Conference of Governmental Industrial Hygienists MARPOL - International Convention for the Prevention of Pollution ADN - European Agreement Concerning the International Carriage of NDS - Najwyzsze Dopuszczalne Stezenie Dangerous Goods by Inland Waterways NDSCh - Najwyzsze Dopuszczalne Stezenie Chwilowe ADR - European Agreement Concerning the International Carriage of NDSP - Najwyzsze Dopuszczalne Stezenie Pulapowe Dangerous Goods by Road NOAEL - No-Observed Adverse Effect Level ATE - Acute Toxicity Estimate NOEC - No-Observed Effect Concentration BCF - Bioconcentration Factor NRD - Nevirsytinas Ribinis Dydis BEI - Biological Exposure Indices (BEI) NTP - National Toxicology Program BOD - Biochemical Oxygen Demand OEL - Occupational Exposure Limits CAS No. - Chemical Abstracts Service Number PBT - Persistent, Bioaccumulative and Toxic CLP - Classification, Labeling and Packaging Regulation (EC) No PEL - Permissible Exposure Limit 1272/2008 pH - Potential Hydrogen COD - Chemical Oxygen Demand REACH - Registration, Evaluation, Authorisation, and Restriction of EC – European Community Chemicals EC50 - Median Effective Concentration RID - Regulations Concerning the International Carriage of Dangerous EEC - European Economic Community Goods by Rail EINECS - European Inventory of Existing Commercial Chemical SADT - Self Accelerating Decomposition Temperature Substances SDS - Safety Data Sheet EmS-No. (Fire) - IMDG Emergency Schedule Fire STEL - Short Term Exposure Limit EmS-No. (Spillage) - IMDG Emergency Schedule Spillage TA-Luft - Technische Anleitung zur Reinhaltung der Luft EU – European Union TEL TRK – Technical Guidance Concentrations ThOD – Theoretical Oxygen Demand ErC50 - EC50 in Terms of Reduction Growth Rate GHS - Globally Harmonized System of Classification and Labeling of TLM - Median Tolerance Limit TLV - Threshold Limit Value Chemicals IARC - International Agency for Research on Cancer TPRD - Trumpalaikio Poveikio Ribinis Dydis IATA - International Air Transport Association TRGS 510 - Technische Regel für Gefahrstoffe 510 - Lagerung von Gefahrstoffen in ortsbeweglichen Behältern IBC Code - International Bulk Chemical Code TRGS 552 – Technische Regeln für Gefahrstoffe - N-Nitrosamine IMDG - International Maritime Danaerous Goods IPRV - Ilgalaikio Poveikio Ribinis Dydis TRGS 900 - Technische Regel für Gefahrstoffe 900 -

EN (English)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

IOELV – Indicative Occupational Exposure Limit Value

- LC50 Median Lethal Concentration
- LD50 Median Lethal Dose LOAEL - Lowest Observed Adverse Effect Level
- LOAEL Lowest Observed Adverse Effect Level LOEC - Lowest-Observed-Effect Concentration
- Log Koc Soil Organic Carbon-water Partitioning Coefficient
- Log Kow Octanol/water Partition Coefficient

Log Pow - Ratio of the equilibrium concentration (C) of a dissolved

substance in a two-phase system consisting of two largely immiscible solvents, in this case octanol and water

MAK – Maximum Workplace Concentration/Maximum Permissible Concentration Arbeitsplatzgrenzwerte TRGS 903 - Technische Regel für Gefahrstoffe 903 - Biologische Grenzwerte TSCA - Toxic Substances Control Act TWA - Time Weighted Average VOC - Volatile Organic Compounds VLA-EC - Valor Límite Ambiental Exposición de Corta Duración VLA-ED - Valor Límite Ambiental Exposición Diaria VLE - Valeur Limite D'exposition VME - Valeur Limite De Moyenne Exposition VPVB - Very Persistent and Very Bioaccumulative WEL - Workplace Exposure Limit WGK - Wassergefährdungsklasse

Nusil EU GHS SDS

The information provided in this Safety Data Sheet (SDS) was prepared based on data believed to be accurate as of the date of this SDS. TO THE GREATEST EXTENT PERMITTED BY LAW, NUSIL TECHNOLOGY LLC AND ITS AFFILIATED COMPANIES ("NUSIL") EXPRESSLYDISCLAIMS ANY AND ALL REPRESENTATIONS AND WARRANTIES REGARDING THE INFORMATION CONTAINED HEREIN INCLUDING, WITHOUT LIMITATION, AS TO ACCURACY, COMPLETENESS, FITNESS FOR PURPOSE OR USE, MERCHANTABILITY, NON-INFRINGEMENT, PERFORMANCE, SAFETY, SUITABILITY AND STABILITY. This SDS is intended as a guide to the appropriate use, handling, storage and disposal of the product to which it relates by properly trained personnel, and is not intended to be comprehensive. Users of NuSil's products are advised to perform their own tests and to exercise their own judgment to determine the safety, suitability and appropriate use, handling, storage and disposal of each product and product combination for their own purposes and uses. TO THE GREATEST EXTENT PERMITTED BY LAW, NUSIL DISCLAIMS LIABILITY FOR, AND BY USING NUSIL'S PRODUCTS PURCHASER AGREES THAT UNDER NO CIRCUMSTANCES SHALL NUSIL BE LIABLE FOR, SPECIAL, INDIRECT, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES OF ANY TYPE OR KIND, INCLUDING WITHOUT LIMITATION, FOR LOSS OF PROFITS, REPUTATIONAL DAMAGE, PRODUCT RECALL OR BUSINESS INTERRUPTION.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Revision date: 03/04/2020 Date of issue: 05/10/2013



Avantoi

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Form Product Name CAS No Synonyms

Substance MED-361 @ 350 cP 63148-62-9 Silicone Fluid

1.2. Relevant identified uses of the substance or mixture and uses advised against 1.2.1.Relevant identified uses

Industrial/Professional use spec For professional use only.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

NuSil Technology Europe 1198 Avenue Maurice Donat Le Natura Bt. 2 06250 Mougins France +33 4 92 96 93 31 ehs@nusil.com www.nusil.com

1.4. Emergency telephone number

: 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International Emergency and Maritime) +(44)-870-8200418 +(353)-19014670

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified

Adverse physicochemical, human health and environmental effects No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

2.3. Other Hazards

Other hazards not contributing None under normal conditions. to the classification

number

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 3: Composition/information on ingredients

3.1. Substance

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Siloxanes and Silicones, di-Me	(CAS No) 63148-62-9	100	Not classified

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
First-aid measures after skin contact	Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.
First-aid measures after eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
First-aid measures after	Rinse mouth. Do NOT induce vomiting. Obtain medical
ingestion	attention.
4.2. Most important symptoms	and effects, both acute and delayed
Symptoms/injuries	Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after inhalation	Prolonged exposure may cause irritation.
Symptoms/injuries after skin contact	Prolonged exposure may cause skin irritation.
Symptoms/injuries after eye contact	May cause slight irritation to eyes.
Symptoms/injuries after ingestion	Ingestion may cause adverse effects.
Chronic symptoms	None expected under normal conditions of use.

4.3. Indication of any immediate medical attention and special treatment needed If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray, dry chemical, alcohol-resistant foam, carbon dioxide.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Unsuitable extinguishing media	Do not use a heavy water stream. Use of heavy stream of water may spread fire. Application of water stream to hot product may cause frothing and increase fire intensity.
5.2. Special hazards arising fro	om the substance or mixture
Fire hazard	Not considered flammable but may burn at high
	temperatures.
Explosion hazard	Product is not explosive.
Reactivity	Hazardous reactions will not occur under normal conditions.
5.3. Advice for firefighters	
Precautionary measures fire Firefighting instructions Protection during firefighting	 Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Person	al precautions, p	protective equipment and emergency procedures
General mea	•	Avoid prolonged contact with eyes, skin and clothing. Avoid breathing (vapour, mist, spray).
6.1.1. F	or non-emerge	ncy personnel
Protective ed Emergency p		Use appropriate personal protective equipment (PPE). Evacuate unnecessary personnel.
6.1.2. F	or emergency r	esponders
Protective ea Emergency p		Equip cleanup crew with proper protection. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area
6.2. Enviror	nmental precaut	ions
Prevent entry	/ to sewers and p	ublic waters.
6.3. Metho	ds and material	for containment and cleaning up
For containm	nent	Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up

Clean up spills immediately and dispose of waste safely.

Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to other sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapours, mist, spray.
Hygiene measures	Handle in accordance with good industrial hygiene and safety procedures.

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

7.2. Conditions for safe storage, including any incompatibilities

Technical measuresComply with applicable regulations.Storage conditionsKeep container closed when not in use. Store in a dry, cool
place. Keep/Store away from direct sunlight, extremely high or
low temperatures and incompatible materials.Incompatible productsStrong acids, strong bases, strong oxidizers.

7.3. Specific end use(s)

Cosmetics, personal care products. For professional use only.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls Personal protective equipment

Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Gloves. Protective clothing. Protective goggles.



Materials for protective clothing Hand protection Eye protection Skin and body protection Respiratory protection

- Chemically resistant materials and fabrics.
- Wear protective gloves.
- Chemical safety goggles.
- Wear suitable protective clothing.
- If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection. When using, do not eat, drink or smoke.

Other information

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Colour	:	Colourless
Odour	:	No data available
Odour threshold	:	No data available
рН	:	No data available
Relative evaporation rate	:	No data available
(butylacetate=1)		
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	> 135 °C (> 275 °F)
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	No data available

EN (Enalish)

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative Density	: 0.97 (Water = 1)
Solubility	: No data available
Partition coefficient: n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	
VOC Content	: <1%

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizers.

10.6. Hazardous decomposition products

Thermal decomposition generates: Carbon oxides (CO, CO₂). Silicon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Not classified
Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitisation Germ cell mutagenicity Carcinogenicity	Not classified Not classified Not classified Not classified Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity (sin exposure)	ngle : Not classified
Specific target organ toxicity (re exposure)	epeated : Not classified
Aspiration hazard	Not classified

SECTION 12: Ecological information

12.1.Toxicity

Ecology - general

Not classified.

EN (English)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

12.2. Persistence and degradability		
Siloxanes and Silicones, di-Me (63148-62-9)		
Persistence and degradability	Not established.	
12.3. Bioaccumulative potential		
Siloxanes and Silicones, di-Me (63148-62-9)		
Bioaccumulative potential Not established.		
12.4. Mobility in soil		
No additional information available		
12.5. Results of PBT and vPvB assessment		
No additional information availa	ıble	

12.6. Other adverse effects

Other information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal	Dispose of contents/container in accordance with local,
recommendations	regional, national, and international regulations.
Ecology - waste materials	Avoid release to the environment.

SECTION 14: Transport information

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	ΙΑΤΑ	ADN	RID	
14.1. UN number					
Not regulated for tr	ansport				
14.2. UN proper sh	nipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.3. Transport ha	zard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.4. Packing gro	up				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.5. Environmental hazards					
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant :	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No	
	No				

14.6. Special precautions for user

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Section	Section Header		Change	Date Changed
1		ication of the substance/mixture and company/undertaking		03/04/2020
Date of Prepc Revision	ration or Latest	03/04/2020		
Data sources		Information and data obtained and used in the authoring of this safety data sheet could come from database subscriptions, official government regulatory body websites, product/ingredient manufacturer or supplier specific information, and/or resources that include substance specific data and classifications according to		

	GHS or their subsequent adoption of GHS.
Other information	According to Regulation (EC) No. 1907/2006 (REACH) with its
	amendment Regulation (EU) 2015/830

Abbreviations and Acronyms

ACGIH – American Conference of Governmental Industrial Hygienists MARPOL - International Convention for the Prevention of Pollution ADN - European Agreement Concerning the International Carriage of NDS - Najwyzsze Dopuszczalne Stezenie Dangerous Goods by Inland Waterways NDSCh - Najwyzsze Dopuszczalne Stezenie Chwilowe ADR - European Agreement Concerning the International Carriage of NDSP - Najwyzsze Dopuszczalne Stezenie Pulapowe Dangerous Goods by Road NOAEL - No-Observed Adverse Effect Level ATE - Acute Toxicity Estimate NOEC - No-Observed Effect Concentration BCF - Bioconcentration Factor NRD - Nevirsytinas Ribinis Dydis BEI - Biological Exposure Indices (BEI) NTP - National Toxicology Program BOD - Biochemical Oxygen Demand OEL - Occupational Exposure Limits CAS No. - Chemical Abstracts Service Number PBT - Persistent, Bioaccumulative and Toxic CLP - Classification, Labeling and Packaging Regulation (EC) No PEL - Permissible Exposure Limit 1272/2008 pH - Potential Hydrogen COD - Chemical Oxygen Demand REACH - Registration, Evaluation, Authorisation, and Restriction of EC – European Community Chemicals EC50 - Median Effective Concentration RID - Regulations Concerning the International Carriage of Dangerous EEC – European Economic Community Goods by Rail EINECS - European Inventory of Existing Commercial Chemical SADT - Self Accelerating Decomposition Temperature Substances SDS - Safety Data Sheet EmS-No. (Fire) - IMDG Emergency Schedule Fire STEL - Short Term Exposure Limit EmS-No. (Spillage) - IMDG Emergency Schedule Spillage TA-Luft - Technische Anleitung zur Reinhaltung der Luft EU – European Union TEL TRK – Technical Guidance Concentrations ThOD – Theoretical Oxygen Demand ErC50 - EC50 in Terms of Reduction Growth Rate GHS - Globally Harmonized System of Classification and Labeling of TLM - Median Tolerance Limit TLV - Threshold Limit Value Chemicals IARC - International Agency for Research on Cancer TPRD - Trumpalaikio Poveikio Ribinis Dydis IATA - International Air Transport Association TRGS 510 - Technische Regel für Gefahrstoffe 510 - Lagerung von Gefahrstoffen in ortsbeweglichen Behältern IBC Code - International Bulk Chemical Code TRGS 552 – Technische Regeln für Gefahrstoffe - N-Nitrosamine IMDG - International Maritime Danaerous Goods IPRV - Ilgalaikio Poveikio Ribinis Dydis TRGS 900 - Technische Regel für Gefahrstoffe 900 -

EN (English)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

IOELV – Indicative Occupational Exposure Limit Value

- LC50 Median Lethal Concentration
- LD50 Median Lethal Dose LOAEL - Lowest Observed Adverse Effect Level
- LOEC Lowest-Observed-Effect Concentration
- Log Koc Soil Organic Carbon-water Partitioning Coefficient
- Log Kow Octanol/water Partition Coefficient

Log Pow - Ratio of the equilibrium concentration (C) of a dissolved

substance in a two-phase system consisting of two largely immiscible

solvents, in this case octanol and water MAK – Maximum Workplace Concentration/Maximum Permissible

Concentration

Arbeitsplatzgrenzwerte TRGS 903 - Technische Regel für Gefahrstoffe 903 - Biologische Grenzwerte TSCA - Toxic Substances Control Act TWA - Time Weighted Average VOC - Volatile Organic Compounds VLA-EC - Valor Límite Ambiental Exposición de Corta Duración VLA-ED - Valor Límite Ambiental Exposición Diaria VLE - Valeur Limite D'exposition VME - Valeur Limite De Moyenne Exposition vPvB - Very Persistent and Very Bioaccumulative WEL - Workplace Exposure Limit WGK - Wassergefährdungsklasse

Nusil EU GHS SDS

The information provided in this Safety Data Sheet (SDS) was prepared based on data believed to be accurate as of the date of this SDS. TO THE GREATEST EXTENT PERMITTED BY LAW, NUSIL TECHNOLOGY LLC AND ITS AFFILIATED COMPANIES ("NUSIL") EXPRESSLYDISCLAIMS ANY AND ALL REPRESENTATIONS AND WARRANTIES REGARDING THE INFORMATION CONTAINED HEREIN INCLUDING, WITHOUT LIMITATION, AS TO ACCURACY, COMPLETENESS, FITNESS FOR PURPOSE OR USE, MERCHANTABILITY, NON-INFRINGEMENT, PERFORMANCE, SAFETY, SUITABILITY AND STABILITY. This SDS is intended as a guide to the appropriate use, handling, storage and disposal of the product to which it relates by properly trained personnel, and is not intended to be comprehensive. Users of NuSil's products are advised to perform their own tests and to exercise their own judgment to determine the safety, suitability and appropriate use, handling, storage and disposal of each product and product combination for their own purposes and uses. TO THE GREATEST EXTENT PERMITTED BY LAW, NUSIL DISCLAIMS LIABILITY FOR, AND BY USING NUSIL'S PRODUCTS PURCHASER AGREES THAT UNDER NO CIRCUMSTANCES SHALL NUSIL BE LIABLE FOR, SPECIAL, INDIRECT, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES OF ANY TYPE OR KIND, INCLUDING WITHOUT LIMITATION, FOR LOSS OF PROFITS, REPUTATIONAL DAMAGE, PRODUCT RECALL OR BUSINESS INTERRUPTION.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Revision date: 27/11/2020 Date of issue: 05/10/2013



Avantor

Version: 3.0

NuSil

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Form Product Name CAS No Synonyms

Substance MED-361 @ 1,000 cP 63148-62-9 Silicone Fluid

1.2. Relevant identified uses of the substance or mixture and uses advised against 1.2.1.Relevant identified uses

Industrial/Professional use spec For professional use only.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet NuSil Technology Europe

1198 Avenue Maurice Donat Le Natura Bt. 2 06250 Mougins France +33 4 92 96 93 31 ehs@nusil.com www.nusil.com

1.4. Emergency telephone number

: 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International Emergency and Maritime) +(44)-870-8200418 +(353)-19014670

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified

Adverse physicochemical, human health and environmental effects No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

2.3. Other Hazards

Other hazards not contributing None under normal conditions. to the classification

number

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 3: Composition/information on ingredients

3.1. Substance

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Siloxanes and Silicones, di-Me	(CAS No) 63148-62-9	100	Not classified

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.
Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
Rinse mouth. Do NOT induce vomiting. Obtain medical
attention.
and effects, both acute and delayed
Not expected to present a significant hazard under anticipated conditions of normal use.
Prolonged exposure may cause irritation.
Prolonged exposure may cause skin irritation.
May cause slight irritation to eyes.
Ingestion may cause adverse effects.
None expected under normal conditions of use.

4.3. Indication of any immediate medical attention and special treatment needed If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray, dry chemical, alcohol-resistant foam, carbon dioxide.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Unsuitable extinguishing media	Do not use a heavy water stream. Use of heavy stream of water may spread fire. Application of water stream to hot product may cause frothing and increase fire intensity.
5.2. Special hazards arising	from the substance or mixture
Fire hazard	Not considered flammable but may burn at high
	temperatures.
Explosion hazard	Product is not explosive.
Reactivity	Hazardous reactions will not occur under normal conditions.
5.3. Advice for firefighters	
Precautionary measures fire	Exercise caution when fighting any chemical fire.
Firefighting instructions	Use water spray or fog for cooling exposed containers.
Protection during firefighting	Do not enter fire area without proper protective equipment,
	including respiratory protection.

SECTION 6: Accidental release measures

6.1. Perso General m	•	protective equipment and emergency procedures Avoid prolonged contact with eyes, skin and clothing. Avoid breathing (vapour, mist, spray).
6.1.1.	For non-emerge	ency personnel
	equipment y procedures	Use appropriate personal protective equipment (PPE). Evacuate unnecessary personnel.
6.1.2.	For emergency	responders
	equipment y procedures	Equip cleanup crew with proper protection. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area
	onmental precate ontry to sewers and	
	,	l for containment and cleaning up
For contair		Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to other sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapours, mist, spray.
Hygiene measures	Handle in accordance with good industrial hygiene and safety procedures.

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

7.2. Conditions for safe storage, including any incompatibilities

Technical measuresComply with applicable regulations.Storage conditionsKeep container closed when not in use. Store in a dry, cool
place. Keep/Store away from direct sunlight, extremely high or
low temperatures and incompatible materials.Incompatible productsStrong acids, strong bases, strong oxidizers.

7.3. Specific end use(s)

Cosmetics, personal care products. For professional use only.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls Personal protective equipment

Materials for protective

Skin and body protection

Respiratory protection

Hand protection

Eye protection

clothing

Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Gloves. Protective clothing. Protective goggles.



- Chemically resistant materials and fabrics.
 - Wear protective gloves.
- Chemical safety goggles.
- Wear suitable protective clothing.
- If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection. When using, do not eat, drink or smoke.

Other information

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless
Odour	: No data available
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate	: No data available
(butylacetate=1)	
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: >135 °C (> 275 °F)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available

EN (Enalish)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative Density	: 0.97 (Water = 1)
Solubility	: No data available
Partition coefficient: n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	
VOC Content	: <1%

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizers.

10.6. Hazardous decomposition products

Thermal decomposition generates: Carbon oxides (CO, CO₂). Silicon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Not classified
Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitisation Germ cell mutagenicity	Not classified Not classified Not classified Not classified
Carcinogenicity Reproductive toxicity	Not classified
Specific target organ toxicity (sin exposure)	
Specific target organ toxicity (re exposure)	epeated : Not classified
Aspiration hazard	Not classified

SECTION 12: Ecological information

12.1.Toxicity

Ecology - general

Not classified.

EN (English)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

12.2. Persistence and degradability			
Siloxanes and Silicones, di-Me (63148-62-9)			
Persistence and degradability	Not established.		
12.3. Bioaccumulative potential			
Siloxanes and Silicones, di-Me (63148-62-9)			
Bioaccumulative potential Not established.			
12.4. Mobility in soil No additional information available			
12.5. Results of PBT and vPvB assessment			

No additional information available

12.6. Other adverse effects Other information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal	Dispose of contents/container in accordance with local,
recommendations	regional, national, and international regulations.
Ecology - waste materials	Avoid release to the environment.

SECTION 14: Transport information

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	ΙΑΤΑ	ADN	RID		
14.1. UN number	14.1. UN number					
Not regulated for tr	ansport					
14.2. UN proper sh	nipping name					
Not applicable						
14.3. Transport ha	zard class(es)					
Not applicable						
Not applicable						
14.4. Packing group						
Not applicable						
14.5. Environmental hazards						
Dangerous for the environment : No						
	Marine pollutant :					
	No					

14.6. Special precautions for user

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Section	Section Heade	r	Change	Date Changed
1	Identification of the substance/mixture and of the company/undertaking		Modified	27/11/2020
Date of Prepa Revision	ration or Latest	27/11/2020		
Data sources		Information and data obtained and used in the authoring of this safety data sheet could come from database subscriptions, official government regulatory body websites, product/ingredient manufacturer or supplier specific information, and/or resources that include substance specific data and classifications according to GHS or their subsequent adoption of GHS		

Other information	According to Regulation (EC) No. 1907/2006 (REACH) with its
	amendment Regulation (EU) 2015/830

Abbreviations and Acronyms

ACGIH – American Conference of Governmental Industrial Hygienists MARPOL - International Convention for the Prevention of Pollution ADN - European Agreement Concerning the International Carriage of NDS - Najwyzsze Dopuszczalne Stezenie Dangerous Goods by Inland Waterways NDSCh - Najwyzsze Dopuszczalne Stezenie Chwilowe ADR - European Agreement Concerning the International Carriage of NDSP - Najwyzsze Dopuszczalne Stezenie Pulapowe Dangerous Goods by Road NOAEL - No-Observed Adverse Effect Level ATE - Acute Toxicity Estimate NOEC - No-Observed Effect Concentration BCF - Bioconcentration Factor NRD - Nevirsytinas Ribinis Dydis BEI - Biological Exposure Indices (BEI) NTP - National Toxicology Program BOD - Biochemical Oxygen Demand OEL - Occupational Exposure Limits CAS No. - Chemical Abstracts Service Number PBT - Persistent, Bioaccumulative and Toxic PEL - Permissible Exposure Limit CLP - Classification, Labeling and Packaging Regulation (EC) No 1272/2008 pH - Potential Hydrogen COD - Chemical Oxygen Demand REACH - Registration, Evaluation, Authorisation, and Restriction of EC – European Community Chemicals EC50 - Median Effective Concentration RID - Regulations Concerning the International Carriage of Dangerous EEC - European Economic Community Goods by Rail EINECS - European Inventory of Existing Commercial Chemical SADT - Self Accelerating Decomposition Temperature Substances SDS - Safety Data Sheet EmS-No. (Fire) - IMDG Emergency Schedule Fire STEL - Short Term Exposure Limit EmS-No. (Spillage) - IMDG Emergency Schedule Spillage TA-Luft - Technische Anleitung zur Reinhaltung der Luft EU – European Union TEL TRK – Technical Guidance Concentrations ThOD – Theoretical Oxygen Demand ErC50 - EC50 in Terms of Reduction Growth Rate GHS - Globally Harmonized System of Classification and Labeling of TLM - Median Tolerance Limit TLV - Threshold Limit Value Chemicals IARC - International Agency for Research on Cancer TPRD - Trumpalaikio Poveikio Ribinis Dydis IATA - International Air Transport Association TRGS 510 - Technische Regel für Gefahrstoffe 510 - Lagerung von Gefahrstoffen in ortsbeweglichen Behältern IBC Code - International Bulk Chemical Code TRGS 552 – Technische Regeln für Gefahrstoffe - N-Nitrosamine IMDG - International Maritime Danaerous Goods IPRV - Ilgalaikio Poveikio Ribinis Dydis TRGS 900 - Technische Regel für Gefahrstoffe 900 -

EN (English)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

IOELV – Indicative Occupational Exposure Limit Value

- LC50 Median Lethal Concentration LD50 - Median Lethal Dose
- LOAEL Lowest Observed Adverse Effect Level
- LOEC Lowest-Observed-Effect Concentration
- Log Koc Soil Organic Carbon-water Partitioning Coefficient
- Log Kow Octanol/water Partition Coefficient

Log Pow - Ratio of the equilibrium concentration (C) of a dissolved substance in a two-phase system consisting of two largely immiscible

substance in a two-phase system consisting of two largely immiscib solvents, in this case octanol and water

MAK – Maximum Workplace Concentration/Maximum Permissible Concentration Arbeitsplatzgrenzwerte TRGS 903 - Technische Regel für Gefahrstoffe 903 - Biologische Grenzwerte TSCA - Toxic Substances Control Act TWA - Time Weighted Average VOC - Volatile Organic Compounds VLA-EC - Valor Límite Ambiental Exposición de Corta Duración VLA-ED - Valor Límite Ambiental Exposición Diaria VLE - Valeur Limite D'exposition VME - Valeur Limite De Moyenne Exposition VPvB - Very Persistent and Very Bioaccumulative WEL - Workplace Exposure Limit WGK - Wassergefährdungsklasse

Nusil EU GHS SDS

The information provided in this Safety Data Sheet (SDS) was prepared based on data believed to be accurate as of the date of this SDS. TO THE GREATEST EXTENT PERMITTED BY LAW, NUSIL TECHNOLOGY LLC AND ITS AFFILIATED COMPANIES ("NUSIL") EXPRESSLYDISCLAIMS ANY AND ALL REPRESENTATIONS AND WARRANTIES REGARDING THE INFORMATION CONTAINED HEREIN INCLUDING, WITHOUT LIMITATION, AS TO ACCURACY, COMPLETENESS, FITNESS FOR PURPOSE OR USE, MERCHANTABILITY, NON-INFRINGEMENT, PERFORMANCE, SAFETY, SUITABILITY AND STABILITY. This SDS is intended as a guide to the appropriate use, handling, storage and disposal of the product to which it relates by properly trained personnel, and is not intended to be comprehensive. Users of NuSil's products are advised to perform their own tests and to exercise their own judgment to determine the safety, suitability and appropriate use, handling, storage and disposal of each product and product combination for their own purposes and uses. TO THE GREATEST EXTENT PERMITTED BY LAW, NUSIL DISCLAIMS LIABILITY FOR, AND BY USING NUSIL'S PRODUCTS PURCHASER AGREES THAT UNDER NO CIRCUMSTANCES SHALL NUSIL BE LIABLE FOR, SPECIAL, INDIRECT, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES OF ANY TYPE OR KIND, INCLUDING WITHOUT LIMITATION, FOR LOSS OF PROFITS, REPUTATIONAL DAMAGE, PRODUCT RECALL OR BUSINESS INTERRUPTION.

Safety Data Sheet according to Regulation (EC) No. 453/2010 Revision date: 09/09/2015



Date of issue: 05/10/2013 Version: 2.1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form Substance Substance name MED-361 @ 4000 cP CAS No 63148-62-9 Synonyms Variable Viscosity Silicone Fluid 1.2. Relevant identified uses of the substance or mixture and uses advised against 1.2.1. Relevant identified uses Use of the substance/mixture Lubricant. Hydrophobic coating. 1.2.2. Uses advised against No additional information available 1.3. Details of the supplier of the safety data sheet NuSil Technology LLC 1050 Cindy Lane Carpinteria, California 93013 USA (805) 684-8780 ehs@nusil.com www.nusil.com 1.4. Emergency telephone number : 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International and Emergency number Maritime)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified

Adverse physicochemical, human health and environmental effects No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] No labelling applicable

2.3. Other Hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Siloxanes and Silicones, di-Me	(CAS No) 63148-62-9	> 90	Not classified

3.2. Mixture

Not applicable

Safety Data Sheet according to Regulation (EC) No. 453/2010

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).		
First-aid measures after inhalation	Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.		
First-aid measures after skin	Rinse immediately with plenty of water. Remove contaminated clothing. Wash contaminated clothing before reuse. Obtain medical		
contact	attention if irritation develops or persists.		
First-aid measures after eye	Rinse cautiously with water for at least 15 minutes. Remove contact		
contact	lenses, if present and easy to do. Continue rinsing. Obtain medical attention.		
First-aid measures after ingestion	Do NOT induce vomiting. Rinse mouth. Immediately call a POISON		
	CENTER or doctor/physician.		
4.2. Most important symptoms and effects, both acute and delayed			
Symptoms/injuries	Not expected to present a significant hazard under anticipated conditions of normal use.		
Symptoms/injuries after inhalation	May cause respiratory irritation.		
Symptoms/injuries after skin	May cause skin irritation.		
contact			
Symptoms/injuries after eye contact	May cause eye irritation.		
Symptoms/injuries after ingestion	Ingestion is likely to be harmful or have adverse effects.		

Chronic symptoms None expected under normal conditions of use.

4.3. Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use extinguishing media appropriate for surrounding fire.		
Unsuitable extinguishing media	: Do not use a heavy water stream. Use of heavy stream of water may		
	spread fire.		
5.2. Special hazards arising from	n the substance or mixture		
Fire hazard	Not considered flammable but may burn at high temperatures.		
Explosion hazard	Product is not explosive.		
Reactivity	Hazardous reactions will not occur under normal conditions.		
5.3. Advice for firefighters			
Precautionary measures fire	Exercise caution when fighting any chemical fire.		
Firefighting instructions	Use water spray or fog for cooling exposed containers.		
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.		
Other information	Refer to Section 9 for flammability properties.		

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Avoid contact with skin, eyes, or clothing. Avoid breathing vapour,	
	mist, or spray.	
6.1.1 For non-emergency personnel		

of the first second s			
Protective equipment	Use appropriate personal protection equipment (PPE).		
Emergency procedures	Evacuate unnecessary personnel.		

Safety Data Sheet according to Regulation (EC) No. 453/2010

6.1.2. For emergency respond	lers
Protective equipment	Equip cleanup crew with proper protection.
Emergency procedures	Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.
6.2. Environmental precautio	ons
Prevent entry to sewers and pub	lic waters. Notify authorities if liquid enters sewers or public waters.
6.3. Methods and material for	or containment and cleaning up
For containment	Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	Clear up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Hygiene measures	Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.		
7.2. Conditions for safe storage, including any incompatibilities			
Technical measures	Comply with applicable regulations.		
Storage conditions	Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.		
Incompatible products	Strong acids. Strong bases. Strong oxidizers.		
7.3. Specific end use(s)			

Lubricant. Hydrophobic coating.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.
Protective goggles. Gloves. Protective clothing.
Chemically resistant materials and fabrics.
Wear chemically resistant protective gloves.
Chemical goggles or safety glasses.
Wear suitable protective clothing.
Use an approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.
Do not allow the product to be released into the environment.
Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

91 Information on basic physical and chemical properties

9.1. Information on basic physical and chemical properties			
Physical state	: Liquid		
Appearance	: Clear, viscous		
Odour	: Slight		
Odour threshold	: No data available		
рН	: No data available		
Relative evaporation rate (butylacetate=1)	: No data available		
Melting point	: No data available		
Freezing point	: No data available		
Boiling point	: No data available		
Flash point	: > 275 °C (> 527 °F)		
Auto-ignition temperature	: No data available		
Decomposition temperature	: No data available		
Flammability (solid, gas)	: No data available		
Vapour pressure	: No data available		
Relative vapour density at 20 °C	: No data available		
Relative Density	: 0,97		
Solubility	: Water: Insoluble		
Partition coefficient: n-octanol/water	: No data available		
Viscosity, kinematic	: No data available		
Viscosity, dynamic	: No data available		
Explosive properties	: No data available		
Oxidising properties	: No data available		
Explosive limits	: No data available		
9.2 Other information			

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical stability

Stable at standard temperature and pressure.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Will decompose above 150 °C (> 300 °F) releasing formaldehyde vapours.

10.5. Incompatible materials

Avoid contact with : Oxidizers.

10.6. Hazardous decomposition products

Under conditions of fire this material may produce: Carbon monoxide. Carbon dioxide. Silicon oxides. Low molecular weight hydrocarbon fragments. Formaldehyde.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitisation	Not classified
09/09/2015	EN (English)

Safety Data Sheet according to Regulation (EC) No. 453/2010

Germ cell mutagenicity	Not classif	
Carcinogenicity	Not classif	ied
Reproductive toxicity	Not classif	ied
Specific target organ toxicity (sing	gle exposure)	: Not classified
Specific target organ toxicity (rep exposure)	peated	: Not classified
Aspiration hazard	Not classif	ied

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

 Siloxanes and Silicones, di-Me (63148-62-9)

 Persistence and degradability
 Not established.

 12.3. Bioaccumulative potential

 Siloxanes and Silicones, di-Me (63148-62-9)

Bioaccumulative potential

Not established.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations	Dispose of waste material in accordance with all local, regional,
	national, and international regulations.
Ecology - waste materials	Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN 14.1. UN number Not regulated for transport 14.2. UN proper shipping name Not applicable 14.3. Transport hazard class(es) Not applicable 14.4. Packing group Not applicable 14.5. Environmental hazards Other information No supplementary information available. 14.6. Special precautions for user 14.6.1. **Overland transport** No additional information available 14.6.2. Transport by sea No additional information available

Safety Data Sheet according to Regulation (EC) No. 453/2010

14.6.3. Air transport
No additional information available
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Section	Section Header	Change	Date Changed
1.1	Product identifier	Changed product synonyms.	02/09/2015
2	Hazards identification	Removed DSD/DPD information.	02/09/2015
3	Composition/information on ingredients	Removed DSD/DPD information.	02/09/2015
3	Composition/information on ingredients	Formatting change	09/09/2015

Revision date Data sources 09/09/2015 According to regulation (EU) No. 2015/830 and regulation (EC) No. 1272/2008

SDS EU (REACH Annex II) 11pt

We believe that the information contained herein is current as of the date of this Safety Data Sheet, and is offered in good faith. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of NuSil Technology, it is the user's obligation to determine the conditions of safe use of the product.

Safety Data Sheet according to Regulation (EC) No. 453/2010 Revision date: 09/09/2015



Date of issue: 05/10/2013 Version: 2.1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form Substance Substance name MED-361 @ 6000 cP CAS No 63148-62-9 Synonyms Variable Viscosity Silicone Fluid 1.2. Relevant identified uses of the substance or mixture and uses advised against 1.2.1. Relevant identified uses Use of the substance/mixture Lubricant. Hydrophobic coating. 1.2.2. Uses advised against No additional information available 1.3. Details of the supplier of the safety data sheet NuSil Technology LLC 1050 Cindy Lane Carpinteria, California 93013 USA (805) 684-8780 ehs@nusil.com www.nusil.com 1.4. Emergency telephone number : 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International and Emergency number Maritime)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified

Adverse physicochemical, human health and environmental effects No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] No labelling applicable

2.3. Other Hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Siloxanes and Silicones, di-Me	(CAS No) 63148-62-9	> 90	Not classified

3.2. Mixture

Not applicable

Safety Data Sheet according to Regulation (EC) No. 453/2010

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).
First-aid measures after inhalation	Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.
First-aid measures after skin contact	Rinse immediately with plenty of water. Remove contaminated clothing. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.
First-aid measures after eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
First-aid measures after ingestion	Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.
4.2. Most important symptoms of	and effects, both acute and delayed
Symptoms/injuries	Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after inhalation	May cause respiratory irritation.
Symptoms/injuries after skin contact	May cause skin irritation.
Symptoms/injuries after eye contact	May cause eye irritation.
Symptoms/injuries after ingestion	Ingestion is likely to be harmful or have adverse effects.

Chronic symptoms None expected under normal conditions of use.

4.3. Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: Do not use a heavy water stream. Use of heavy stream of water may
	spread fire.
5.2. Special hazards arising from	n the substance or mixture
Fire hazard	Not considered flammable but may burn at high temperatures.
Explosion hazard	Product is not explosive.
Reactivity	Hazardous reactions will not occur under normal conditions.
5.3. Advice for firefighters	
Precautionary measures fire	Exercise caution when fighting any chemical fire.
Firefighting instructions	Use water spray or fog for cooling exposed containers.
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	Refer to Section 9 for flammability properties.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Avoid contact with skin, eyes, or clothing. Avoid breathing vapour, mist, or spray.
6 1 1 For non-emergency person	

6.1.1.For non-emergency personnel Protective equipment Use appropriate per

Protective equipment	Use appropriate personal protection equipment (PPE).
Emergency procedures	Evacuate unnecessary personnel.

Safety Data Sheet according to Regulation (EC) No. 453/2010

6.1.2. For emergency respond	lers
Protective equipment	Equip cleanup crew with proper protection.
Emergency procedures	Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.
6.2. Environmental precautio	ons
Prevent entry to sewers and pub	lic waters. Notify authorities if liquid enters sewers or public waters.
6.3. Methods and material for	or containment and cleaning up
For containment	Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	Clear up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Hygiene measures	Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
7.2. Conditions for safe storage	e, including any incompatibilities
Technical measures	Comply with applicable regulations.
Storage conditions	Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.
Incompatible products	Strong acids. Strong bases. Strong oxidizers.
7.3. Specific end use(s)	

Lubricant. Hydrophobic coating.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls	Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.
Personal protective equipment	Protective goggles. Gloves. Protective clothing.
Materials for protective clothing	Chemically resistant materials and fabrics.
Hand protection	Wear chemically resistant protective gloves.
Eye protection	Chemical goggles or safety glasses.
Skin and body protection	Wear suitable protective clothing.
Respiratory protection	Use an approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.
Environmental exposure controls	Do not allow the product to be released into the environment.
Consumer exposure controls	Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

91 Information on basic physical and chemical properties

9.1. Information on basic physical and c	nemical properties
Physical state	: Liquid
Appearance	: Clear, viscous
Odour	: Slight
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 275 °C (> 527 °F)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative Density	: 0,97
Solubility	: Water: Insoluble
Partition coefficient: n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2 Other information	

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical stability

Stable at standard temperature and pressure.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Will decompose above 150 °C (> 300 °F) releasing formaldehyde vapours.

10.5. Incompatible materials

Avoid contact with : Oxidizers.

10.6. Hazardous decomposition products

Under conditions of fire this material may produce: Carbon monoxide. Carbon dioxide. Silicon oxides. Low molecular weight hydrocarbon fragments. Formaldehyde.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitisation	Not classified
09/09/2015	EN (English)

Safety Data Sheet according to Regulation (EC) No. 453/2010

Germ cell mutagenicity	Not classif	
Carcinogenicity	Not classif	lea
Reproductive toxicity	Not classif	ied
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (exposure)	repeated	: Not classified
Aspiration hazard	Not classif	ied

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

 Siloxanes and Silicones, di-Me (63148-62-9)

 Persistence and degradability
 Not established.

 12.3. Bioaccumulative potential

 Siloxanes and Silicones, di-Me (63148-62-9)

 Bioaccumulative potential

 Not established.

Bioaccumulative potential 12.4. Mobility in soil

oil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations	Dispose of waste material in accordance with all local, regional,
	national, and international regulations.
Ecology - waste materials	Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN 14.1. UN number Not regulated for transport 14.2. UN proper shipping name Not applicable 14.3. Transport hazard class(es) Not applicable 14.4. Packing group Not applicable 14.5. Environmental hazards Other information No supplementary information available. 14.6. Special precautions for user 14.6.1. **Overland transport** No additional information available 14.6.2. Transport by sea No additional information available

Safety Data Sheet according to Regulation (EC) No. 453/2010

14.6.3. Air transport
No additional information available
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Section	Section Header	Change	Date Changed
1.1	Product identifier	Changed product synonyms.	02/09/2015
2	Hazards identification	Removed DSD/DPD information.	02/09/2015
3	Composition/information on ingredients	Removed DSD/DPD information.	02/09/2015
3	Composition/information on ingredients	Formatting change	09/09/2015

Revision date Data sources 09/09/2015 According to regulation (EU) No. 2015/830 and regulation (EC) No. 1272/2008

SDS EU (REACH Annex II) 11pt

We believe that the information contained herein is current as of the date of this Safety Data Sheet, and is offered in good faith. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of NuSil Technology, it is the user's obligation to determine the conditions of safe use of the product.

Safety Data Sheet according to Regulation (EC) No. 453/2010 Revision date:

09/09/2015

NUSII THE CHEMISTRY OF CARE

Date of issue: 05/10/2013 Version: 2.1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form Substance Substance name MED-361 @ 10000 cP CAS No 63148-62-9 Synonyms Variable Viscosity Silicone Fluid 1.2. Relevant identified uses of the substance or mixture and uses advised against 1.2.1. Relevant identified uses Use of the substance/mixture Lubricant. Hydrophobic coating. 1.2.2. Uses advised against No additional information available 1.3. Details of the supplier of the safety data sheet NuSil Technology LLC 1050 Cindy Lane Carpinteria, California 93013 USA (805) 684-8780 ehs@nusil.com www.nusil.com 1.4. Emergency telephone number : 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International and Emergency number Maritime)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified

Adverse physicochemical, human health and environmental effects No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] No labelling applicable

2.3. Other Hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Siloxanes and Silicones, di-Me	(CAS No) 63148-62-9	> 90	Not classified

3.2. Mixture

Not applicable

Safety Data Sheet according to Regulation (EC) No. 453/2010

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).		
First-aid measures after inhalation	Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.		
First-aid measures after skin	Rinse immediately with plenty of water. Remove contaminated clothing. Wash contaminated clothing before reuse. Obtain medical		
contact	attention if irritation develops or persists.		
First-aid measures after eye	Rinse cautiously with water for at least 15 minutes. Remove contact		
contact	lenses, if present and easy to do. Continue rinsing. Obtain medical attention.		
First-aid measures after ingestion	Do NOT induce vomiting. Rinse mouth. Immediately call a POISON		
	CENTER or doctor/physician.		
4.2. Most important symptoms and effects, both acute and delayed			
Symptoms/injuries	Not expected to present a significant hazard under anticipated conditions of normal use.		
Symptoms/injuries after inhalation	May cause respiratory irritation.		
Symptoms/injuries after skin	May cause skin irritation.		
contact			
Symptoms/injuries after eye contact	May cause eye irritation.		
Symptoms/injuries after ingestion	Ingestion is likely to be harmful or have adverse effects.		

Chronic symptoms None expected under normal conditions of use.

4.3. Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

······································			
Suitable extinguishing media	Use extinguishing media appropriate for surrounding fire.		
Unsuitable extinguishing media	Do not use a heavy water stream. Use of heavy stream of water may spread fire.		
5.2. Special hazards arising from	n the substance or mixture		
Fire hazard	Not considered flammable but may burn at high temperatures.		
Explosion hazard	Product is not explosive.		
Reactivity	Hazardous reactions will not occur under normal conditions.		
5.3. Advice for firefighters			
Precautionary measures fire	Exercise caution when fighting any chemical fire.		
Firefighting instructions	Use water spray or fog for cooling exposed containers.		
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.		
Other information	Refer to Section 9 for flammability properties.		

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Avoid contact with skin, eyes, or clothing. Avoid breathing vapour,		
	mist, or spray.		
6.1.1 For non-emergency personnel			

of the first second sec			
Protective equipment	Use appropriate personal protection equipment (PPE).		
Emergency procedures	Evacuate unnecessary personnel.		

Safety Data Sheet according to Regulation (EC) No. 453/2010

6.1.2. For emergency respon	
Protective equipment	Equip cleanup crew with proper protection.
Emergency procedures	Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.
6.2. Environmental precau	tions
Prevent entry to sewers and pu	ublic waters. Notify authorities if liquid enters sewers or public waters.
6.3. Methods and material	for containment and cleaning up
For containment	Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	Clear up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.
6.1 Reference to other sec	•

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Hygiene measures	Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.			
7.2. Conditions for safe storage, including any incompatibilities				
Technical measures	Comply with applicable regulations.			
Storage conditions	Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.			
Incompatible products	Strong acids. Strong bases. Strong oxidizers.			
7.3. Specific end use(s)				

Lubricant. Hydrophobic coating.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls	Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.
Personal protective equipment	Protective goggles. Gloves. Protective clothing.
Materials for protective clothing	Chemically resistant materials and fabrics.
Hand protection	Wear chemically resistant protective gloves.
Eye protection	Chemical goggles or safety glasses.
Skin and body protection	Wear suitable protective clothing.
Respiratory protection	Use an approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.
Environmental exposure controls	Do not allow the product to be released into the environment.
Consumer exposure controls	Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

0 1 Information on basic physical and chemical properties

9.1. Information on basic physical and chemical properties			
Physical state	: Liquid		
Appearance	: Clear, viscous		
Odour	: Slight		
Odour threshold	: No data available		
рН	: No data available		
Relative evaporation rate (butylacetate=1)	: No data available		
Melting point	: No data available		
Freezing point	: No data available		
Boiling point	: No data available		
Flash point	: > 275 °C (> 527 °F)		
Auto-ignition temperature	: No data available		
Decomposition temperature	: No data available		
Flammability (solid, gas)	: No data available		
Vapour pressure	: No data available		
Relative vapour density at 20 °C	: No data available		
Relative Density	: 0,97		
Solubility	: Water: Insoluble		
Partition coefficient: n-octanol/water	: No data available		
Viscosity, kinematic	: No data available		
Viscosity, dynamic	: No data available		
Explosive properties	: No data available		
Oxidising properties	: No data available		
Explosive limits	: No data available		
9.2 Other information			

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical stability

Stable at standard temperature and pressure.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Will decompose above 150 °C (> 300 °F) releasing formaldehyde vapours.

10.5. Incompatible materials

Avoid contact with : Oxidizers.

10.6. Hazardous decomposition products

Under conditions of fire this material may produce: Carbon monoxide. Carbon dioxide. Silicon oxides. Low molecular weight hydrocarbon fragments. Formaldehyde.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitisation	Not classified
09/09/2015	EN (English)

Safety Data Sheet according to Regulation (EC) No. 453/2010

Germ cell mutagenicity	Not classifi	ied
Carcinogenicity	Not classifi	ied
Reproductive toxicity	Not classifi	ied
Specific target organ toxicity (sing	gle exposure)	: Not classified
Specific target organ toxicity (repeated : Not classified exposure)		
Aspiration hazard	Not classifi	ied

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

 Siloxanes and Silicones, di-Me (63148-62-9)

 Persistence and degradability
 Not established.

 12.3. Bioaccumulative potential

 Siloxanes and Silicones, di-Me (63148-62-9)

 Bioaccumulative potential

 Not established.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations	Dispose of waste material in accordance with all local, regional,
	national, and international regulations.
Ecology - waste materials	Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN 14.1. UN number Not regulated for transport 14.2. UN proper shipping name Not applicable 14.3. Transport hazard class(es) Not applicable 14.4. Packing group Not applicable 14.5. Environmental hazards Other information No supplementary information available. 14.6. Special precautions for user 14.6.1. **Overland transport** No additional information available 14.6.2. Transport by sea No additional information available

Safety Data Sheet according to Regulation (EC) No. 453/2010

14.6.3. Air transport
No additional information available
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Section	Section Header	Change	Date Changed
1.1	Product identifier	Changed product synonyms.	02/09/2015
2	Hazards identification	Removed DSD/DPD information.	02/09/2015
3	Composition/information on ingredients	Removed DSD/DPD information.	02/09/2015
3	Composition/information on ingredients	Formatting change	09/09/2015

Revision date Data sources 09/09/2015 According to regulation (EU) No. 2015/830 and regulation (EC) No. 1272/2008

SDS EU (REACH Annex II) 11pt

We believe that the information contained herein is current as of the date of this Safety Data Sheet, and is offered in good faith. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of NuSil Technology, it is the user's obligation to determine the conditions of safe use of the product.

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Revision date: 06/10/2020 Date of issue: 05/10/2013





Version: 3.0

SECTION 1: Identification of the Substance/mixture and of the Company/Undertaking

1.1. Product Identifier

Product form Product Name CAS-No. Synonyms Substance MED-361 @ 20,000 cP 63148-62-9 Silicone Fluid

1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

1.2.1. Relevant Identified Uses

Use of the Substance/Mixture For professional use only

1.2.2. Uses Advised Against

No additional information available

1.3. Details of the Supplier of the Safety Data Sheet

NuSil Technology Europe 1198 Avenue Maurice Donat Le Natura Bt. 2 06250 Mougins France +33 4 92 96 93 31 <u>ehs@nusil.com</u>

www.nusil.com

1.4. Emergency Telephone Number

Emergency Number

: +1 703-527-3887 CHEMTREC (International and Maritime), 800-424-9300 CHEMTREC (in US) +(44)-870-8200418 +(353)-19014670

SECTION 2: Hazards Identification

2.1. Classification of the Substance or Mixture

Classification According to Regulation (EC) No. 1272/2008 [CLP]

Not classified

2.2. Label Elements

Labelling According to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

2.3. Other Hazards

Contains PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIIIOther Hazards Not Contributing
to the ClassificationExposure may aggravate pre-existing eye, skin, or respiratory
conditions.

SECTION 3: Composition/Information on Ingredients

3.1. Substances

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Name	Product Identifier	%	Classification According to Regulation (EC) No. 1272/2008 [CLP]
Siloxan Siloxanes and Silicones, di- Me	(CAS-No.) 63148-62-9	> 90	Not classified
Dodecamethylcyclohexasiloxane	(CAS-No.) 540-97-6 (EC-No.) 208-762-8	< 1	Not classified
Decamethylcyclopentasiloxane	(CAS-No.) 541-02-6 (EC-No.) 208-764-9	< 1	Not classified

Full text of H-statements: see section 16

3.2. Mixtures

Not applicable

SECTION 4: First Aid Measures

4.1. Description of First-aid Measures

First-Aid Measures General	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-Aid Measures After Inhalation	When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
First-Aid Measures After Skin Contact	Remove contaminated clothing. Drench affected area with water for at least 5 minutes. Obtain medical attention if irritation develops or persists.
First-Aid Measures After Eye Contact	Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.
First-Aid Measures After Ingestion	Rinse mouth. Do NOT induce vomiting. Obtain medical attention.
4.2. Most Important Symptoms	s and Effects Both Acute and Delayed
Symptoms/Effects	Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/Effects After Inhalation	Prolonged exposure may cause irritation.
Symptoms/Effects After Skin Contact	Prolonged exposure may cause skin irritation.
Symptoms/Effects After Eye Contact	May cause slight irritation to eyes.
Symptoms/Effects After Ingestion	Ingestion may cause adverse effects.
Chronic Symptoms	None known.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting Measures

5.1. Extinguishing Media

Suitable Extinguishing Media	
06/10/2020	

Use extinguishing media appropriate for surrounding fire.

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

According to Regolation (EC) No. 1707/2000 (Reven) withins amendment Regolation (EC) 2010/000		
Unsuitable Extinguishing Media	Do not use a heavy water stream. Use of heavy stream of water may spread fire. Application of water stream to hot product may cause frothing and increase fire intensity.	
5.2. Special Hazards Arising From the Substance or Mixture		
Fire Hazard	Not considered flammable but may burn at high temperatures.	
Explosion Hazard	Product is not explosive.	
Reactivity	Hazardous reactions will not occur under normal conditions.	
Hazardous Decomposition	Carbon oxides (CO, CO ₂). Silicon oxides. Formaldehyde.	
Products in Case of Fire		
5.3. Advice for Firefighters		
Precautionary Measures Fire	Exercise caution when fighting any chemical fire.	
Firefighting Instructions	Use water spray or fog for cooling exposed containers.	
Protection During Firefighting	Do not enter fire area without proper protective equipment,	

including respiratory protection.

SECTION 6: Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures	Avoid prolonged contact with eyes, skin and clothing. Avoid breathing (vapor, mist, spray).
6.1.1. For Non-Emergency Persor	nel
Protective Equipment	Use appropriate personal protective equipment (PPE).
Emergency Procedures	Evacuate unnecessary personnel.
6.1.2. For Emergency Responders	S
Protective Equipment	Equip cleanup crew with proper protection.
Emergency Procedures	Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.
6.2. Environmental Precautio	ns
Prevent entry to sewers and publi	c waters.
6.3. Methods and Materials for	or Containment and Cleaning Up

For Containment Methods For Cleaning Up Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: Handling And Storage

7.1. Precautions for Safe Handling

Precautions for Safe Handling	Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapors, mist, spray. Wash hands and other exposed areas with mild soap and water before eating, drinking or
Hygiene Measures	smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

Safety Data Sheet According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Conditions for Safe Storage, Including Any Incompatibilities 7.2.

Technical Measures Storage Conditions

Comply with applicable regulations. Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Strong acids, strong bases, strong oxidizers.

Incompatible Materials Specific End Use(S) 7.3.

For professional use only

SECTION 8: Exposure Controls/Personal Protection

Control Parameters 8.1.

No additional information available

Exposure Controls 8.2.

Appropriate Engineering Controls

Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment

Gloves. Protective clothing. Protective goggles.



Chemically resistant materials and fabrics. Materials for Protective Clothing Wear protective gloves. Chemical safety goggles. Wear suitable protective clothing. Skin and Body Protection **Respiratory Protection** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection. When using, do not eat, drink or smoke.

Other Information

Hand Protection

Eve Protection

SECTION 9: Physical and Chemical Hazards

Information on Basic Physical and Chemical Properties 9.1.

Physical State Liauid Colour Colourless No data available Odour Odour Threshold No data available No data available рΗ **Evaporation Rate** No data available Melting Point No data available Freezing Point No data available **Boiling Point** No data available Flash Point > 135 °C (> 275 °F) Auto-Ignition Temperature No data available **Decomposition Temperature** No data available Flammability (Solid, Gas) Not applicable Vapour Pressure No data available Relative Vapour Density At 20 °C No data available

06/10/2020

EN (English)

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Relative Density	0,97 (water = 1)
Solubility	No data available
Partition Coefficient n-Octanol/Water	No data available
Viscosity, Kinematic	No data available
Viscosity, Dynamic	No data available
Explosive Properties	No data available
Oxidising Properties	No data available
Explosive Limits	No data available
9.2. Other Information	

VOC content

<1%

SECTION 10: Stability and Reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical Stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility Of Hazardous Reactions

Hazardous polymerization will not occur.

10.4. Conditions To Avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5. Incompatible Materials

Strong acids, strong bases, strong oxidizers.

10.6. Hazardous Decomposition Products

Not expected to decompose under ambient conditions. Will decompose above 150 °C (>300° F) releasing formaldehyde vapors. Formaldehyde is a potential carcinogen and can act as a potential skin and respiratory sensitizer. Formaldehyde can also cause respiratory and eye irritation.

SECTION 11: Toxicological Information

11.1. Information On Toxicological Effects

Acute Toxicity Not classified (Based on available data, the classification criteria are not met)

Decamethylcyclopentasiloxane (541-02-6)		
LD50 Oral Rat	> 5000 mg/kg (Species: Sprague-Dawley)	
LD50 Dermal Rabbit	> 2000 mg/kg (Species: New Zealand White) No deaths reported	
LC50 Inhalation Rat	8,67 mg/l/4h (Species: Fischer)	
Dodecamethylcyclohexasiloxane (540-97-6)		
LD50 Oral Rat	> 50 g/kg	
Skin Corrosion/Irritation	Not classified (Based on available data, the classification criteria are not met)	
Eye Damage/Irritation	Not classified (Based on available data, the classification criteria are not met)	
Respiratory or Skin Sensitization	Not classified (Based on available data, the classification criteria are not met)	
Germ Cell Mutagenicity	Not classified (Based on available data, the classification criteria are not met)	
Carcinogenicity	Not classified (Based on available data, the classification criteria are not met)	
06/10/2020	EN (English)	5/8

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Reproductive Toxicity	Not classified (Based on available data, the classification criteria are not met)
Specific Target Organ Toxicity (Single Exposure)	Not classified (Based on available data, the classification criteria are not met)
Specific Target Organ Toxicity (Rep Exposure)	Deated Not classified (Based on available data, the classification criteria are not met)
Aspiration Hazard	Not classified (Based on available data, the classification criteria are not met)

SECTION 12: Ecological Information

12.1. Toxicity

 Ecology - General
 Not classified.

 12.2. Persistence and Degradability
 MED-361 @ 20,000 cP

 MED-361 @ 20,000 cP
 Not established.

 12.3. Bioaccumulative Potential
 Methods

 MED-361 @ 20,000 cP
 Not established.

 Bioaccumulative potential
 Not established.

 12.4. Mobility in Soil
 Not established.

 No additional information available
 Not established.

12.5. Results of PBT and vPvB assessment

Decamethylcyclopentasiloxane (541-02-6)

This substance/mixture meets the vPvB criteria of REACH regulation, annex XIII

Dodecamethylcyclohexasiloxane (540-97-6)

This substance/mixture meets the vPvB criteria of REACH regulation, annex XIII

12.6. Other Adverse Effects

Other Information

Avoid release to the environment.

SECTION 13: Disposal Considerations

13.1. Waste Treatment Methods

Product/Packaging Disposal	Dispose of contents/container in accordance with local,
Recommendations	regional, national, and international regulations.
Additional Information	Container may remain hazardous when empty. Continue to
	observe all precautions.
Ecology - Waste Materials	Avoid release to the environment.

SECTION 14: Transport Information

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued. In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN Number
Not regulated for transport
14.2. UN Proper Shipping Name
Not regulated for transport

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

14.3. Transport Hazard Class(Es)

Not regulated for transport 14.4. Packing Group

Not regulated for transport

14.5. Environmental Hazards

Not regulated for transport

14.6. Special Precautions For User

No additional information available

14.7. Transport in Bulk According to Annex II of MARPOL and The IBC Code Not applicable

SECTION 15: Regulatory Information

15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

70. Octamethylcyclotetrasiloxane (D4) ;	Decamethylcyclopentasiloxane
Decamethylcyclopentasiloxane (D5)	

Contains a substance on the REACH candidate list in concentration $\geq 0.1\%$ or with a lower specific limit:

Decamethylcyclopentasiloxane (D5) (EC 208-764-9, CAS 541-02-6), Dodecamethylcyclohexasiloxane (D6) (EC 208-762-8, CAS 540-97-6) MED-361 @ 20,000 cP is not on the REACH Annex XIV List

15.1.2. National Regulations

No additional information available

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out

SECTION 16: Other Information

Indication of Changes

Section	Section Header	Change	Date Changed
1	Identification of the substance/mixture and of the company/undertaking	Modified	06/10/2020
2	Hazards identification	Modified	06/10/2020
3	Composition/information on ingredients	Modified	06/10/2020
11	Toxicological Information	Modified	06/10/2020
12	Ecological Information	Modified	06/10/2020
15	Regulatory Information	Modified	06/10/2020

Date of Preparation or Latest Revision 06/10/2020

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Data Sources	Information and data obtained and used in the authoring of this safety data sheet could come from database subscriptions, official government regulatory body websites, product/ingredient manufacturer or supplier specific information, and/or resources that include substance specific data and classifications according to GHS or their subsequent adoption of GHS.
Other Information	According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Abbreviations and Acronyms

Abbie fianons and Actonyms	
ACGIH – American Conference of Governmental Industrial Hygienists	NDS - Najwyzsze Dopuszczalne Stezenie
ADN – European Agreement Concerning the International Carriage of Dangerous	NDSCh - Najwyzsze Dopuszczalne Stezeni
Goods by Inland Waterways	NDSP - Najwyzsze Dopuszczalne Stezenie
ADR - European Agreement Concerning the International Carriage of Dangerous	NOAEL - No-Observed Adverse Effect Lev
Goods by Road	NOEC - No-Observed Effect Concentration
ATE - Acute Toxicity Estimate	NRD - Nevirsytinas Ribinis Dydis
BCF - Bioconcentration Factor	NTP – National Toxicology Program
BEI - Biological Exposure Indices (BEI)	OEL - Occupational Exposure Limits
BOD – Biochemical Oxygen Demand	PBT - Persistent, Bioaccumulative and Tox
CAS No Chemical Abstracts Service Number	PEL - Permissible Exposure Limit
CLP – Classification, Labeling and Packaging Regulation (EC) No 1272/2008	pH – Potential Hydrogen
COD - Chemical Oxygen Demand	REACH - Registration, Evaluation, Authori
EC – European Community	RID – Regulations Concerning the Interna
EC50 - Median Effective Concentration	SADT - Self Accelerating Decomposition 1
EEC – European Economic Community	SDS - Safety Data Sheet
EINECS – European Inventory of Existing Commercial Chemical Substances	STEL - Short Term Exposure Limit
EmS-No. (Fire) - IMDG Emergency Schedule Fire	STOT - Specific Target Organ Toxicity
EmS-No. (Spillage) - IMDG Emergency Schedule Spillage	TA-Luft - Technische Anleitung zur Reinha
EU – European Union	TEL TRK – Technical Guidance Concentra
ErC50 - EC50 in Terms of Reduction Growth Rate	ThOD – Theoretical Oxygen Demand
GHS – Globally Harmonized System of Classification and Labeling of Chemicals	TLM - Median Tolerance Limit
IARC - International Agency for Research on Cancer	TLV - Threshold Limit Value
IATA - International Air Transport Association	TPRD - Trumpalaikio Poveikio Ribinis Dydis
IBC Code - International Bulk Chemical Code	TRGS 510 - Technische Regel für Gefahrst
IMDG - International Maritime Dangerous Goods	ortsbeweglichen Behältern
IPRV - Ilgalaikio Poveikio Ribinis Dydis	TRGS 552 – Technische Regeln für Gefahr
IOELV – Indicative Occupational Exposure Limit Value	TRGS 900 - Technische Regel für Gefahrst
LC50 - Median Lethal Concentration	TRGS 903 - Technische Regel für Gefahrst
LD50 - Median Lethal Dose	TSCA - Toxic Substances Control Act
LOAEL - Lowest Observed Adverse Effect Level	TWA - Time Weighted Average
LOEC - Lowest-Observed-Effect Concentration	VOC – Volatile Organic Compounds
Log Koc - Soil Organic Carbon-water Partitioning Coefficient	VLA-EC - Valor Límite Ambiental Exposició
Log Kow - Octanol/water Partition Coefficient	VLA-ED - Valor Límite Ambiental Exposició
Log Pow - Ratio of the equilibrium concentration (C) of a dissolved substance in a two-	VLE – Valeur Limite D'exposition
phase system consisting of two largely immiscible solvents, in this case octanol and	VME – Valeur Limite De Moyenne Expositi
water	vPvB - Very Persistent and Very Bioaccum
MAK – Maximum Workplace Concentration/Maximum Permissible Concentration	WEL – Workplace Exposure Limit
MARDOL International Convention for the Provention of Pollution	MCK Massara fährdungsluges

MARPOL - International Convention for the Prevention of Pollution

SCh - Najwyzsze Dopuszczalne Stezenie Chwilowe SP - Naiwyzsze Dopuszczalne Stezenie Pulapowe AEL - No-Observed Adverse Effect Level EC - No-Observed Effect Concentration D - Nevirsvtinas Ribinis Dvdis - National Toxicology Program - Occupational Exposure Limits - Persistent, Bioaccumulative and Toxic - Permissible Exposure Limit - Potential Hydrogen ACH – Registration, Evaluation, Authorisation, and Restriction of Chemicals - Regulations Concerning the International Carriage of Dangerous Goods by Rail DT - Self Accelerating Decomposition Temperature - Safety Data Sheet - Short Term Exposure Limit T - Specific Target Organ Toxicity uft - Technische Anleitung zur Reinhaltung der Luft TRK – Technical Guidance Concentrations DD – Theoretical Oxygen Demand - Median Tolerance Limit - Threshold Limit Value D - Trumpalaikio Poveikio Ribinis Dydis GS 510 - Technische Regel für Gefahrstoffe 510 - Lagerung von Gefahrstoffen in beweglichen Behältern 25 552 – Technische Regeln für Gefahrstoffe - N-Nitrosamine 55 900 - Technische Regel für Gefahrstoffe 900 – Arbeitsplatzgrenzwerte SS 903 - Technische Regel für Gefahrstoffe 903 - Biologische Grenzwerte A - Toxic Substances Control Act A - Time Weighted Average - Volatile Organic Compounds A-EC - Valor Límite Ambiental Exposición de Corta Duración A-ED - Valor Límite Ambiental Exposición Diaria - Valeur Limite D'exposition E – Valeur Limite De Movenne Exposition B - Very Persistent and Very Bioaccumulative Workplace Exposure Limit WGK - Wassergefährdungsklasse

Nusil EU GHS SDS

The information provided in this Safety Data Sheet (SDS) was prepared based on data believed to be accurate as of the date of this SDS. TO THE GREATEST EXTENT PERMITTED BY LAW, NUSIL TECHNOLOGY LLC AND ITS AFFILIATED COMPANIES ("NUSIL") EXPRESSLYDISCLAIMS ANY AND ALL REPRESENTATIONS AND WARRANTIES REGARDING THE INFORMATION CONTAINED HEREIN INCLUDING, WITHOUT LIMITATION, AS TO ACCURACY, COMPLETENESS, FITNESS FOR PURPOSE OR USE, MERCHANTABILITY, NON-INFRINGEMENT, PERFORMANCE, SAFETY, SUITABILITY AND STABILITY. This SDS is intended as a guide to the appropriate use, handling, storage and disposal of the product to which it relates by properly trained personnel, and is not intended to be comprehensive. Users of NuSil's products are advised to perform their own tests and to exercise their own judgment to determine the safety, suitability and appropriate use, handling, storage and disposal of each product and product combination for their own purposes and uses. TO THE GREATEST EXTENT PERMITTED BY LAW, NUSIL DISCLAIMS LIABILITY FOR, AND BY USING NUSIL'S PRODUCTS PURCHASER AGREES THAT UNDER NO CIRCUMSTANCES SHALL NUSIL BE LIABLE FOR, SPECIAL, INDIRECT, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES OF ANY TYPE OR KIND. INCLUDING WITHOUT LIMITATION, FOR LOSS OF PROFITS, REPUTATIONAL DAMAGE, PRODUCT RECALL OR BUSINESS INTERRUPTION.

Safety Data Sheet according to Regulation (EC) No. 453/2010 Revision date: 09/09/2015 **NUSII** THE CHEMISTRY OF CARE

Date of issue: 05/10/2013 Version: 2.1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form Substance Substance name MED-361 @ 30000 cP CAS No 63148-62-9 Synonyms Variable Viscosity Silicone Fluid 1.2. Relevant identified uses of the substance or mixture and uses advised against 1.2.1. Relevant identified uses Use of the substance/mixture Lubricant. Hydrophobic coating. 1.2.2. Uses advised against No additional information available 1.3. Details of the supplier of the safety data sheet NuSil Technology LLC 1050 Cindy Lane Carpinteria, California 93013 USA (805) 684-8780 ehs@nusil.com www.nusil.com 1.4. Emergency telephone number : 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International and Emergency number Maritime)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified

Adverse physicochemical, human health and environmental effects No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] No labelling applicable

2.3. Other Hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Siloxanes and Silicones, di-Me	(CAS No) 63148-62-9	> 90	Not classified

3.2. Mixture

Not applicable

Safety Data Sheet according to Regulation (EC) No. 453/2010

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).
First-aid measures after inhalation	Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.
First-aid measures after skin	Rinse immediately with plenty of water. Remove contaminated
contact	clothing. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.
First-aid measures after eye	Rinse cautiously with water for at least 15 minutes. Remove contact
contact	lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
First-aid measures after ingestion	Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.
4.2. Most important symptoms of	and effects, both acute and delayed
Symptoms/injuries	Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after inhalation	May cause respiratory irritation.
Symptoms/injuries after skin contact	May cause skin irritation.
Symptoms/injuries after eye contact	May cause eye irritation.
Symptoms/injuries after ingestion	Ingestion is likely to be harmful or have adverse effects.

Chronic symptoms None expected under normal conditions of use.

4.3. Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

······································	
Suitable extinguishing media	Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	Do not use a heavy water stream. Use of heavy stream of water may spread fire.
5.2. Special hazards arising from	m the substance or mixture
Fire hazard	Not considered flammable but may burn at high temperatures.
Explosion hazard	Product is not explosive.
Reactivity	Hazardous reactions will not occur under normal conditions.
5.3. Advice for firefighters	
Precautionary measures fire	Exercise caution when fighting any chemical fire.
Firefighting instructions	Use water spray or fog for cooling exposed containers.
Protection during firefighting	 Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	Refer to Section 9 for flammability properties.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Avoid contact with skin, eyes, or clothing. Avoid breathing vapour,
	mist, or spray.
6.1.1.For non-emergency personnel	

Protective equipment	Use appropriate personal protection equipment (PPE).	
Emergency procedures	Evacuate unnecessary personnel.	

Safety Data Sheet according to Regulation (EC) No. 453/2010

6.1.2. For emergency respon	
Protective equipment	Equip cleanup crew with proper protection.
Emergency procedures	Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.
6.2. Environmental precau	tions
Prevent entry to sewers and pu	ublic waters. Notify authorities if liquid enters sewers or public waters.
6.3. Methods and material	for containment and cleaning up
For containment	Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	Clear up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.
6.1 Reference to other sec	•

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Hygiene measures	Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
7.2. Conditions for safe storage	e, including any incompatibilities
Technical measures	Comply with applicable regulations.
Storage conditions	Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.
Incompatible products	Strong acids. Strong bases. Strong oxidizers.
7.3. Specific end use(s)	

Lubricant. Hydrophobic coating.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls	Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.
Personal protective equipment	Protective goggles. Gloves. Protective clothing.
Materials for protective clothing	Chemically resistant materials and fabrics.
Hand protection	Wear chemically resistant protective gloves.
Eye protection	Chemical goggles or safety glasses.
Skin and body protection	Wear suitable protective clothing.
Respiratory protection	Use an approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.
Environmental exposure controls	Do not allow the product to be released into the environment.
Consumer exposure controls	Do not eat, drink or smoke during use.

according to Regulation (EC) No. 453/2010

SECTION 9: Physical and chemical properties

91 Information on basic physical and chemical properties

9.1. Information on basic physical and c	nemical properties
Physical state	: Liquid
Appearance	: Clear, viscous
Odour	: Slight
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 275 °C (> 527 °F)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative Density	: 0,97
Solubility	: Water: Insoluble
Partition coefficient: n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2 Other information	

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical stability

Stable at standard temperature and pressure.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Will decompose above 150 °C (> 300 °F) releasing formaldehyde vapours.

10.5. Incompatible materials

Avoid contact with : Oxidizers.

10.6. Hazardous decomposition products

Under conditions of fire this material may produce: Carbon monoxide. Carbon dioxide. Silicon oxides. Low molecular weight hydrocarbon fragments. Formaldehyde.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitisation	Not classified
09/09/2015	EN (English)

Safety Data Sheet according to Regulation (EC) No. 453/2010

Germ cell mutagenicity	Not classif	ied
Carcinogenicity	Not classif	ied
Reproductive toxicity	Not classif	ied
Specific target organ toxicity (sin	ngle exposure)	: Not classified
Specific target organ toxicity (re exposure)	epeated	: Not classified
Aspiration hazard	Not classif	ïed

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

 Siloxanes and Silicones, di-Me (63148-62-9)

 Persistence and degradability
 Not established.

 12.3. Bioaccumulative potential

 Siloxanes and Silicones, di-Me (63148-62-9)

 Bioaccumulative potential

 Not established.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations	Dispose of waste material in accordance with all local, regional,
	national, and international regulations.
Ecology - waste materials	Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN 14.1. UN number Not regulated for transport 14.2. UN proper shipping name Not applicable 14.3. Transport hazard class(es) Not applicable 14.4. Packing group Not applicable 14.5. Environmental hazards Other information No supplementary information available. 14.6. Special precautions for user 14.6.1. **Overland transport** No additional information available 14.6.2. Transport by sea No additional information available

Safety Data Sheet according to Regulation (EC) No. 453/2010

14.6.3. Air transport
No additional information available
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Section	Section Header	Change	Date Changed
1.1	Product identifier	Changed product synonyms.	02/09/2015
2	Hazards identification	Removed DSD/DPD information.	02/09/2015
3	Composition/information on ingredients	Removed DSD/DPD information.	02/09/2015
3	Composition/information on ingredients	Formatting change	09/09/2015

Revision date Data sources 09/09/2015 According to regulation (EU) No. 2015/830 and regulation (EC) No. 1272/2008

SDS EU (REACH Annex II) 11pt

We believe that the information contained herein is current as of the date of this Safety Data Sheet, and is offered in good faith. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of NuSil Technology, it is the user's obligation to determine the conditions of safe use of the product.

Safety Data Sheet according to Regulation (EC) No. 453/2010 Revision date: 09/09/2015 **NuSil** THE CHEMISTRY OF CARE

Version: 2.1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Date of issue:

05/10/2013

1.1. Product identifier

Product form Substance Substance name MED-361 @ 50000 cP CAS No 63148-62-9 Synonyms Variable Viscosity Silicone Fluid 1.2. Relevant identified uses of the substance or mixture and uses advised against 1.2.1. Relevant identified uses Use of the substance/mixture Lubricant. Hydrophobic coating. 1.2.2. Uses advised against No additional information available 1.3. Details of the supplier of the safety data sheet NuSil Technology LLC 1050 Cindy Lane Carpinteria, California 93013 USA (805) 684-8780 ehs@nusil.com www.nusil.com 1.4. Emergency telephone number : 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International and Emergency number Maritime)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified

Adverse physicochemical, human health and environmental effects No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] No labelling applicable

2.3. Other Hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Siloxanes and Silicones, di-Me	(CAS No) 63148-62-9	> 90	Not classified

3.2. Mixture

Not applicable

Safety Data Sheet according to Regulation (EC) No. 453/2010

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).
First-aid measures after inhalation	Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.
First-aid measures after skin	Rinse immediately with plenty of water. Remove contaminated
contact	clothing. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.
First-aid measures after eye	Rinse cautiously with water for at least 15 minutes. Remove contact
contact	lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
First-aid measures after ingestion	Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.
4.2. Most important symptoms of	and effects, both acute and delayed
Symptoms/injuries	Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after inhalation	May cause respiratory irritation.
Symptoms/injuries after skin contact	May cause skin irritation.
Symptoms/injuries after eye contact	May cause eye irritation.
Symptoms/injuries after ingestion	Ingestion is likely to be harmful or have adverse effects.

Chronic symptoms None expected under normal conditions of use.

4.3. Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

······································	
Suitable extinguishing media	Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	Do not use a heavy water stream. Use of heavy stream of water may spread fire.
5.2. Special hazards arising from	n the substance or mixture
Fire hazard	Not considered flammable but may burn at high temperatures.
Explosion hazard	Product is not explosive.
Reactivity	Hazardous reactions will not occur under normal conditions.
5.3. Advice for firefighters	
Precautionary measures fire	Exercise caution when fighting any chemical fire.
Firefighting instructions	Use water spray or fog for cooling exposed containers.
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	Refer to Section 9 for flammability properties.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Avoid contact with skin, eyes, or clothing. Avoid breathing vapour,
	mist, or spray.
6 1 1 For non-emergency pe	rsonnel

of the first second s	
Protective equipment	Use appropriate personal protection equipment (PPE).
Emergency procedures	Evacuate unnecessary personnel.

Safety Data Sheet according to Regulation (EC) No. 453/2010

ders
Equip cleanup crew with proper protection.
Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.
ions
blic waters. Notify authorities if liquid enters sewers or public waters.
for containment and cleaning up
Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Clear up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.
i

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Hygiene measures	Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
7.2. Conditions for safe storage	e, including any incompatibilities
Technical measures	Comply with applicable regulations.
Storage conditions	Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.
Incompatible products	Strong acids. Strong bases. Strong oxidizers.
7.3. Specific end use(s)	

Lubricant. Hydrophobic coating.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls	Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.
Personal protective equipment	Protective goggles. Gloves. Protective clothing.
Materials for protective clothing	Chemically resistant materials and fabrics.
Hand protection	Wear chemically resistant protective gloves.
Eye protection	Chemical goggles or safety glasses.
Skin and body protection	Wear suitable protective clothing.
Respiratory protection	Use an approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.
Environmental exposure controls	Do not allow the product to be released into the environment.
Consumer exposure controls	Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

0 1 Information on basic physical and chemical properties

9.1. Information on basic physical and c	nemical properties
Physical state	: Liquid
Appearance	: Clear, viscous
Odour	: Slight
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 275 °C (> 527 °F)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative Density	: 0,97
Solubility	: Water: Insoluble
Partition coefficient: n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2 Other information	

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical stability

Stable at standard temperature and pressure.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Will decompose above 150 °C (> 300 °F) releasing formaldehyde vapours.

10.5. Incompatible materials

Avoid contact with : Oxidizers.

10.6. Hazardous decomposition products

Under conditions of fire this material may produce: Carbon monoxide. Carbon dioxide. Silicon oxides. Low molecular weight hydrocarbon fragments. Formaldehyde.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitisation	Not classified
09/09/2015	EN (English)

Safety Data Sheet according to Regulation (EC) No. 453/2010

Germ cell mutagenicity	Not classif	ied
Carcinogenicity	Not classif	ied
Reproductive toxicity	Not classif	ied
Specific target organ toxicity (sin	gle exposure)	: Not classified
Specific target organ toxicity (reperformed)	peated	: Not classified
Aspiration hazard	Not classif	ied

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

 Siloxanes and Silicones, di-Me (63148-62-9)

 Persistence and degradability
 Not established.

 12.3. Bioaccumulative potential

 Siloxanes and Silicones, di-Me (63148-62-9)

 Bioaccumulative potential

 Not established.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations	Dispose of waste material in accordance with all local, regional,
	national, and international regulations.
Ecology - waste materials	Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN 14.1. UN number Not regulated for transport 14.2. UN proper shipping name Not applicable 14.3. Transport hazard class(es) Not applicable 14.4. Packing group Not applicable 14.5. Environmental hazards Other information No supplementary information available. 14.6. Special precautions for user 14.6.1. **Overland transport** No additional information available 14.6.2. Transport by sea No additional information available

Safety Data Sheet according to Regulation (EC) No. 453/2010

14.6.3. Air transport
No additional information available
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Section	Section Header	Change	Date Changed
1.1	Product identifier	Changed product synonyms.	02/09/2015
2	Hazards identification	Removed DSD/DPD information.	02/09/2015
3	Composition/information on ingredients	Removed DSD/DPD information.	02/09/2015
3	Composition/information on ingredients	Formatting change	09/09/2015

Revision date Data sources 09/09/2015 According to regulation (EU) No. 2015/830 and regulation (EC) No. 1272/2008

SDS EU (REACH Annex II) 11pt

We believe that the information contained herein is current as of the date of this Safety Data Sheet, and is offered in good faith. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of NuSil Technology, it is the user's obligation to determine the conditions of safe use of the product.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Revision date: 17/12/2020 Date of issue: 05/10/2013

Version: 3.0

Avantor

NuSil

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Form Product Name CAS No Synonyms

Substance MED-361 @ 60,000 cP 63148-62-9 Silicone Fluid

1.2. Relevant identified uses of the substance or mixture and uses advised against 1.2.1.Relevant identified uses

Industrial/Professional use spec For professional use only.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet NuSil Technology Europe

1198 Avenue Maurice Donat Le Natura Bt. 2 06250 Mougins France +33 4 92 96 93 31 ehs@nusil.com www.nusil.com

1.4. Emergency telephone number

: 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International Emergency and Maritime) +(44)-870-8200418 +(353)-19014670

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified

Adverse physicochemical, human health and environmental effects No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

2.3. Other Hazards

Other hazards not contributing None under normal conditions. to the classification

number

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 3: Composition/information on ingredients

3.1. Substance

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Siloxanes and Silicones, di-Me	(CAS No) 63148-62-9	100	Not classified

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

inhalationsuspected area. Obtain medical attention if breathing difficulty persists.First-aid measures after skin contactRemove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.First-aid measures after eye contactRinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.First-aid measures after ingestionRinse mouth. Do NOT induce vomiting. Obtain medical attention. 4.2. Most important symptoms and effects, both acute and delayed Not expected to present a significant hazard under anticipated conditions of normal use.Symptoms/injuries after contactProlonged exposure may cause skin irritation.Symptoms/injuries after eye contactMay cause slight irritation to eyes.Symptoms/injuries after eye contactMay cause slight irritation to eyes.Symptoms/injuries after symptoms/injuries afterIngestion may cause adverse effects.	First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
contactwater for at least 15 minutes. Obtain medical attention if irritation develops or persists.First-aid measures after eye contactRinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.First-aid measures after ingestionRinse mouth. Do NOT induce vomiting. Obtain medical attention. 4.2. Most important symptoms and effects, both acute and delayedSymptoms/injuriesNot expected to present a significant hazard under 	First-aid measures after inhalation	suspected area. Obtain medical attention if breathing
contactcontact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.First-aid measures after ingestionRinse mouth. Do NOT induce vomiting. Obtain medical attention. 4.2. Most important symptoms and effects, both acute and delayedSymptoms/injuriesNot expected to present a significant hazard under anticipated conditions of normal use.Symptoms/injuries after inhalationProlonged exposure may cause irritation.Symptoms/injuries after skin contactProlonged exposure may cause skin irritation.Symptoms/injuries after eye contactMay cause slight irritation to eyes.Symptoms/injuries afterIngestion may cause adverse effects.	First-aid measures after skin contact	water for at least 15 minutes. Obtain medical attention if
ingestionattention. 4.2. Most important symptoms and effects, both acute and delayed Symptoms/injuriesNot expected to present a significant hazard under anticipated conditions of normal use.Symptoms/injuries afterProlonged exposure may cause irritation.inhalationProlonged exposure may cause skin irritation.Symptoms/injuries after skinProlonged exposure may cause skin irritation.contactSymptoms/injuries after eyeSymptoms/injuries after eyeMay cause slight irritation to eyes.contactSymptoms/injuries afterSymptoms/injuries afterIngestion may cause adverse effects.	First-aid measures after eye contact	contact lenses, if present and easy to do. Continue rinsing.
4.2. Most important symptoms and effects, both acute and delayedSymptoms/injuriesNot expected to present a significant hazard under anticipated conditions of normal use.Symptoms/injuries afterProlonged exposure may cause irritation.inhalationProlonged exposure may cause skin irritation.Symptoms/injuries after skinProlonged exposure may cause skin irritation.contactMay cause slight irritation to eyes.Symptoms/injuries after eyeMay cause slight irritation to eyes.contactIngestion may cause adverse effects.	First-aid measures after	Rinse mouth. Do NOT induce vomiting. Obtain medical
Symptoms/injuriesNot expected to present a significant hazard under anticipated conditions of normal use.Symptoms/injuries after inhalationProlonged exposure may cause irritation.Symptoms/injuries after skin contactProlonged exposure may cause skin irritation.Symptoms/injuries after eye contactMay cause slight irritation to eyes.Symptoms/injuries afterIngestion may cause adverse effects.	ingestion	attention.
Symptoms/injuries after inhalationProlonged exposure may cause irritation.Symptoms/injuries after skin contactProlonged exposure may cause skin irritation.Symptoms/injuries after eye contactMay cause slight irritation to eyes.Symptoms/injuries afterIngestion may cause adverse effects.	4.2. Most important symptoms	s and effects, both acute and delayed
inhalation Symptoms/injuries after skin Prolonged exposure may cause skin irritation. contact Symptoms/injuries after eye May cause slight irritation to eyes. contact Symptoms/injuries after Ingestion may cause adverse effects.	Symptoms/injuries	
contact Symptoms/injuries after eye contact Symptoms/injuries after Ingestion may cause adverse effects.	Symptoms/injuries after inhalation	Prolonged exposure may cause irritation.
contact Symptoms/injuries after Ingestion may cause adverse effects.	Symptoms/injuries after skin contact	Prolonged exposure may cause skin irritation.
	Symptoms/injuries after eye contact	May cause slight irritation to eyes.
	Symptoms/injuries after ingestion	Ingestion may cause adverse effects.
Chronic symptoms None expected under normal conditions of use.	Chronic symptoms	None expected under normal conditions of use.

4.3. Indication of any immediate medical attention and special treatment needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray, dry chemical, alcohol-resistant foam, carbon dioxide.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Unsuitable extinguishing media	Do not use a heavy water stream. Use of heavy stream of water may spread fire. Application of water stream to hot product may cause frothing and increase fire intensity.
5.2. Special hazards arising f	rom the substance or mixture
Fire hazard	Not considered flammable but may burn at high
	temperatures.
Explosion hazard	Product is not explosive.
Reactivity	Hazardous reactions will not occur under normal conditions.
5.3. Advice for firefighters	
Precautionary measures fire	Exercise caution when fighting any chemical fire.
Firefighting instructions	Use water spray or fog for cooling exposed containers.
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal prec	autions, protective equipment and emergency procedures
General measures	Avoid prolonged contact with eyes, skin and clothing. Avoid breathing (vapour, mist, spray).
6.1.1. For non-	emergency personnel
Protective equipmer Emergency procedu	t Use appropriate personal protective equipment (PPE).
6.1.2. For eme	rgency responders
Protective equipmer Emergency procedu	
6.2. Environmental	precautions
Prevent entry to sewe	ers and public waters.
6.3. Methods and	naterial for containment and cleaning up
For containment	Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up

Clean up spills immediately and dispose of waste safely.

Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to other sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapours, mist, spray.
Hygiene measures	Handle in accordance with good industrial hygiene and safety procedures.

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	Comply with applicable regulations.
Storage conditions	Keep container closed when not in use. Store in a dry, cool
	place. Keep/Store away from direct sunlight, extremely high or
	low temperatures and incompatible materials.
Incompatible products	Strong acids, strong bases, strong oxidizers.

7.3. Specific end use(s)

Cosmetics, personal care products. For professional use only.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls Personal protective equipment

Materials for protective

Skin and body protection

Respiratory protection

Hand protection

Eye protection

clothing

Ensure all national/local regulations are observed. Gloves. Protective clothing. Protective goggles.

Ensure adequate ventilation, especially in confined areas.



- Chemically resistant materials and fabrics.
 - Wear protective gloves.
- Chemical safety goggles.
- Wear suitable protective clothing.
- If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection. When using, do not eat, drink or smoke.

Other information

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless
Odour	: No data available
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate	: No data available
(butylacetate=1)	
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: >135 °C (> 275 °F)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available

EN (Enalish)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative Density	: 0.97 (Water = 1)
Solubility	: No data available
Partition coefficient: n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	
VOC Content	: <1%

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizers.

10.6. Hazardous decomposition products

Thermal decomposition generates: Carbon oxides (CO, CO₂). Silicon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Not classified
Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitisation Germ cell mutagenicity	Not classified Not classified Not classified Not classified
Carcinogenicity Reproductive toxicity	Not classified
Specific target organ toxicity (sin exposure)	
Specific target organ toxicity (re exposure)	epeated : Not classified
Aspiration hazard	Not classified

SECTION 12: Ecological information

12.1.Toxicity

Ecology - general

EN (English)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

12.2. Persistence and degradability		
Siloxanes and Silicones, di-Me (63148-62-9)	
Persistence and degradability	Not established.	
12.3. Bioaccumulative potential		
Siloxanes and Silicones, di-Me (63148-62-9)	
Bioaccumulative potential	Not established.	
12.4. Mobility in soil		
No additional information available		
12.5. Results of PBT and vPvB a		

No additional information available

12.6. Other adverse effects Other information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal	Dispose of contents/container in accordance with local,
recommendations	regional, national, and international regulations.
Ecology - waste materials	Avoid release to the environment.

SECTION 14: Transport information

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	ΙΑΤΑ	ADN	RID	
14.1. UN number					
Not regulated for tr	ansport				
14.2. UN proper sh	nipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.3. Transport hazard class(es)					
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.4. Packing group					
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.5. Environment	14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant :	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No	
14/ 0	No				

14.6. Special precautions for user

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Section	Section Header		Change	Date Changed
1	Identification of the substance/mixture and of the company/undertaking		Modified	17/12/2020
Date of Prepo Revision Data sources	aration or Latest	17/12/2020 Information and data obtaine safety data sheet could come government regulatory body manufacturer or supplier spec include substance specific da	e from database websites, produc ific information,	subscriptions, official ct/ingredient and/or resources that

	GHS or their subsequent adoption of GHS.		
Other information	According to Regulation (EC) No. 1907/2006 (REACH) with its		
	amendment Regulation (EU) 2015/830		

Abbreviations and Acronyms

ACGIH – American Conference of Governmental Industrial Hygienists MARPOL - International Convention for the Prevention of Pollution ADN - European Agreement Concerning the International Carriage of NDS - Najwyzsze Dopuszczalne Stezenie Dangerous Goods by Inland Waterways NDSCh - Najwyzsze Dopuszczalne Stezenie Chwilowe ADR - European Agreement Concerning the International Carriage of NDSP - Najwyzsze Dopuszczalne Stezenie Pulapowe Dangerous Goods by Road NOAEL - No-Observed Adverse Effect Level ATE - Acute Toxicity Estimate NOEC - No-Observed Effect Concentration BCF - Bioconcentration Factor NRD - Nevirsytinas Ribinis Dydis BEI - Biological Exposure Indices (BEI) NTP - National Toxicology Program BOD - Biochemical Oxygen Demand **OEL - Occupational Exposure Limits** CAS No. - Chemical Abstracts Service Number PBT - Persistent, Bioaccumulative and Toxic CLP - Classification, Labeling and Packaging Regulation (EC) No PEL - Permissible Exposure Limit 1272/2008 pH - Potential Hydrogen COD - Chemical Oxygen Demand REACH - Registration, Evaluation, Authorisation, and Restriction of EC – European Community Chemicals EC50 - Median Effective Concentration RID - Regulations Concerning the International Carriage of Dangerous EEC – European Economic Community Goods by Rail EINECS - European Inventory of Existing Commercial Chemical SADT - Self Accelerating Decomposition Temperature Substances SDS - Safety Data Sheet EmS-No. (Fire) - IMDG Emergency Schedule Fire STEL - Short Term Exposure Limit EmS-No. (Spillage) - IMDG Emergency Schedule Spillage TA-Luft - Technische Anleitung zur Reinhaltung der Luft EU – European Union TEL TRK – Technical Guidance Concentrations ThOD – Theoretical Oxygen Demand ErC50 - EC50 in Terms of Reduction Growth Rate GHS - Globally Harmonized System of Classification and Labeling of TLM - Median Tolerance Limit TLV - Threshold Limit Value Chemicals IARC - International Agency for Research on Cancer TPRD - Trumpalaikio Poveikio Ribinis Dydis IATA - International Air Transport Association TRGS 510 - Technische Regel für Gefahrstoffe 510 - Lagerung von Gefahrstoffen in ortsbeweglichen Behältern IBC Code - International Bulk Chemical Code TRGS 552 – Technische Regeln für Gefahrstoffe - N-Nitrosamine IMDG - International Maritime Danaerous Goods IPRV - Ilgalaikio Poveikio Ribinis Dydis TRGS 900 - Technische Regel für Gefahrstoffe 900 -

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

IOELV – Indicative Occupational Exposure Limit Value

- LC50 Median Lethal Concentration LD50 - Median Lethal Dose
- LOAEL Lowest Observed Adverse Effect Level
- LOEC Lowest-Observed-Effect Concentration
- Log Koc Soil Organic Carbon-water Partitioning Coefficient Log Kow - Octanol/water Partition Coefficient

Log Pow - Ratio of the equilibrium concentration (C) of a dissolved

substance in a two-phase system consisting of two largely immiscible

solvents, in this case octanol and water

MAK – Maximum Workplace Concentration/Maximum Permissible Concentration

Arbeitsplatzgrenzwerte TRGS 903 - Technische Regel für Gefahrstoffe 903 - Biologische Grenzwerte TSCA - Toxic Substances Control Act TWA - Time Weighted Average VOC - Volatile Organic Compounds VLA-EC - Valor Límite Ambiental Exposición de Corta Duración VLA-ED - Valor Límite Ambiental Exposición Diaria VLE - Valeur Limite D'exposition VME - Valeur Limite De Moyenne Exposition vPvB - Very Persistent and Very Bioaccumulative WEL - Workplace Exposure Limit WGK - Wassergefährdungsklasse

Nusil EU GHS SDS

The information provided in this Safety Data Sheet (SDS) was prepared based on data believed to be accurate as of the date of this SDS. TO THE GREATEST EXTENT PERMITTED BY LAW, NUSIL TECHNOLOGY LLC AND ITS AFFILIATED COMPANIES ("NUSIL") EXPRESSLYDISCLAIMS ANY AND ALL REPRESENTATIONS AND WARRANTIES REGARDING THE INFORMATION CONTAINED HEREIN INCLUDING, WITHOUT LIMITATION, AS TO ACCURACY, COMPLETENESS, FITNESS FOR PURPOSE OR USE, MERCHANTABILITY, NON-INFRINGEMENT, PERFORMANCE, SAFETY, SUITABILITY AND STABILITY. This SDS is intended as a guide to the appropriate use, handling, storage and disposal of the product to which it relates by properly trained personnel, and is not intended to be comprehensive. Users of NuSil's products are advised to perform their own tests and to exercise their own judgment to determine the safety, suitability and appropriate use, handling, storage and disposal of each product and product combination for their own purposes and uses. TO THE GREATEST EXTENT PERMITTED BY LAW, NUSIL DISCLAIMS LIABILITY FOR, AND BY USING NUSIL'S PRODUCTS PURCHASER AGREES THAT UNDER NO CIRCUMSTANCES SHALL NUSIL BE LIABLE FOR, SPECIAL, INDIRECT, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES OF ANY TYPE OR KIND, INCLUDING WITHOUT LIMITATION, FOR LOSS OF PROFITS, REPUTATIONAL DAMAGE, PRODUCT RECALL OR BUSINESS INTERRUPTION.

MED-361 @ 100000 cP

Safety Data Sheet



according to Regulation (EC) No. 453/2010 Revision date: 09/09/2015

Date of issue: 05/10/2013

Version: 2.1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form Substance Substance name MED-361 @ 100000 cP CAS No 63148-62-9 Synonyms Variable Viscosity Silicone Fluid 1.2. Relevant identified uses of the substance or mixture and uses advised against 1.2.1. Relevant identified uses Use of the substance/mixture Lubricant. Hydrophobic coating. 1.2.2. Uses advised against No additional information available 1.3. Details of the supplier of the safety data sheet NuSil Technology LLC 1050 Cindy Lane Carpinteria, California 93013 USA (805) 684-8780 ehs@nusil.com www.nusil.com 1.4. Emergency telephone number : 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International and Emergency number Maritime)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified

Adverse physicochemical, human health and environmental effects No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] No labelling applicable

2.3. Other Hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Siloxanes and Silicones, di-Me	(CAS No) 63148-62-9	> 90	Not classified

3.2. Mixture

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).
First-aid measures after inhalation	Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.
First-aid measures after skin contact	Rinse immediately with plenty of water. Remove contaminated clothing. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.
First-aid measures after eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
First-aid measures after ingestion	Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.
4.2. Most important symptoms	and effects, both acute and delayed
Symptoms/injuries	Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after inhalation	May cause respiratory irritation.
Symptoms/injuries after skin contact	May cause skin irritation.
Symptoms/injuries after eye contact	May cause eye irritation.
Symptoms/injuries after ingestion	Ingestion is likely to be harmful or have adverse effects.

Chronic symptoms None expected under normal conditions of use.

4.3. Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	Do not use a heavy water stream. Use of heavy stream of water may spread fire.
5.2. Special hazards arising from	n the substance or mixture
Fire hazard	Not considered flammable but may burn at high temperatures.
Explosion hazard	Product is not explosive.
Reactivity	Hazardous reactions will not occur under normal conditions.
5.3. Advice for firefighters	
Precautionary measures fire	Exercise caution when fighting any chemical fire.
Firefighting instructions	Use water spray or fog for cooling exposed containers.
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	Refer to Section 9 for flammability properties.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Avoid contact with skin, eyes, or clothing. Avoid breathing vapour,
	mist, or spray.
6 1 1 For non-emergency pe	rsonnel

Protective equipment	Use appropriate personal protection equipment (PPE).
Emergency procedures	Evacuate unnecessary personnel.

ders
Equip cleanup crew with proper protection.
Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.
ons
blic waters. Notify authorities if liquid enters sewers or public waters.
or containment and cleaning up
Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Clear up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.
k

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Hygiene measures	Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
7.2. Conditions for safe storage	e, including any incompatibilities
Technical measures	Comply with applicable regulations.
Storage conditions	Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.
Incompatible products	Strong acids. Strong bases. Strong oxidizers.
7.3. Specific end use(s)	

Lubricant. Hydrophobic coating.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls	Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.
Personal protective equipment	Protective goggles. Gloves. Protective clothing.
Materials for protective clothing	Chemically resistant materials and fabrics.
Hand protection	Wear chemically resistant protective gloves.
Eye protection	Chemical goggles or safety glasses.
Skin and body protection	Wear suitable protective clothing.
Respiratory protection	Use an approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.
Environmental exposure controls	Do not allow the product to be released into the environment.
Consumer exposure controls	Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

0 1 Information on basic physical and chemical properties

9.1. Information on basic physical and chemical properties		
Physical state	: Liquid	
Appearance	: Clear, viscous	
Odour	: Slight	
Odour threshold	: No data available	
рН	: No data available	
Relative evaporation rate (butylacetate=1)	: No data available	
Melting point	: No data available	
Freezing point	: No data available	
Boiling point	: No data available	
Flash point	: > 275 °C (> 527 °F)	
Auto-ignition temperature	: No data available	
Decomposition temperature	: No data available	
Flammability (solid, gas)	: No data available	
Vapour pressure	: No data available	
Relative vapour density at 20 °C	: No data available	
Relative Density	: 0,97	
Solubility	: Water: Insoluble	
Partition coefficient: n-octanol/water	: No data available	
Viscosity, kinematic	: No data available	
Viscosity, dynamic	: No data available	
Explosive properties	: No data available	
Oxidising properties	: No data available	
Explosive limits	: No data available	
9.2 Other information		

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical stability

Stable at standard temperature and pressure.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Will decompose above 150 °C (> 300 °F) releasing formaldehyde vapours.

10.5. Incompatible materials

Avoid contact with : Oxidizers.

10.6. Hazardous decomposition products

Under conditions of fire this material may produce: Carbon monoxide. Carbon dioxide. Silicon oxides. Low molecular weight hydrocarbon fragments. Formaldehyde.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitisation	Not classified
09/09/2015	EN (English)

MED-361 @ 100000 cP

Safety Data Sheet according to Regulation (EC) No. 453/2010

Germ cell mutagenicity	Not classified	
Carcinogenicity	Not classified	
Reproductive toxicity	Not classified	
Specific target organ toxicity (sing	gle exposure) : Not classified	
Specific target organ toxicity (rep exposure)	eated : Not classified	
Aspiration hazard	Not classified	

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

 Siloxanes and Silicones, di-Me (63148-62-9)

 Persistence and degradability
 Not established.

 12.3. Bioaccumulative potential

 Siloxanes and Silicones, di-Me (63148-62-9)

 Bioaccumulative potential

 Not established.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations	Dispose of waste material in accordance with all local, regional,
	national, and international regulations.
Ecology - waste materials	Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN 14.1. UN number Not regulated for transport 14.2. UN proper shipping name Not applicable 14.3. Transport hazard class(es) Not applicable 14.4. Packing group Not applicable 14.5. Environmental hazards Other information No supplementary information available. 14.6. Special precautions for user 14.6.1. **Overland transport** No additional information available 14.6.2. Transport by sea No additional information available

MED-361 @ 100000 cP

Safety Data Sheet according to Regulation (EC) No. 453/2010

14.6.3. Air transport
No additional information available
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Section	Section Header	Change	Date Changed
1.1	Product identifier	Changed product synonyms.	02/09/2015
2	Hazards identification	Removed DSD/DPD information.	02/09/2015
3	Composition/information on ingredients	Removed DSD/DPD information.	02/09/2015
3	Composition/information on ingredients	Formatting change	09/09/2015

Revision date Data sources 09/09/2015 According to regulation (EU) No. 2015/830 and regulation (EC) No. 1272/2008

SDS EU (REACH Annex II) 11pt

We believe that the information contained herein is current as of the date of this Safety Data Sheet, and is offered in good faith. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of NuSil Technology, it is the user's obligation to determine the conditions of safe use of the product.

MED-361 @ 130000 cP

Safety Data Sheet according to Regulation (EC) No. 453/2010

Revision date:

09/09/2015



Date of issue: 05/10/2013

Version: 2.1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form Substance Substance name MED-361 @ 130000 cP CAS No 63148-62-9 Synonyms Variable Viscosity Silicone Fluid 1.2. Relevant identified uses of the substance or mixture and uses advised against 1.2.1. Relevant identified uses Use of the substance/mixture Lubricant. Hydrophobic coating. 1.2.2. Uses advised against No additional information available 1.3. Details of the supplier of the safety data sheet NuSil Technology LLC 1050 Cindy Lane Carpinteria, California 93013 USA (805) 684-8780 ehs@nusil.com www.nusil.com 1.4. Emergency telephone number : 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International and Emergency number Maritime)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified

Adverse physicochemical, human health and environmental effects No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] No labelling applicable

2.3. Other Hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Siloxanes and Silicones, di-Me	(CAS No) 63148-62-9	> 90	Not classified

3.2. Mixture

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).	
First-aid measures after inhalation	Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.	
First-aid measures after skin contact	Rinse immediately with plenty of water. Remove contaminated clothing. Wash contaminated clothing before reuse. Obtain medical	
	attention if irritation develops or persists.	
First-aid measures after eye	Rinse cautiously with water for at least 15 minutes. Remove contact	
contact	lenses, if present and easy to do. Continue rinsing. Obtain medical attention.	
First-aid measures after ingestion	Do NOT induce vomiting. Rinse mouth. Immediately call a POISON	
	CENTER or doctor/physician.	
4.2. Most important symptoms of	and effects, both acute and delayed	
Symptoms/injuries	Not expected to present a significant hazard under anticipated conditions of normal use.	
Symptoms/injuries after inhalation	May cause respiratory irritation.	
Symptoms/injuries after skin	May cause skin irritation.	
contact		
Symptoms/injuries after eye contact	May cause eye irritation.	
Symptoms/injuries after ingestion	Ingestion is likely to be harmful or have adverse effects.	

Chronic symptoms None expected under normal conditions of use.

4.3. Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

······································	
Suitable extinguishing media	Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	Do not use a heavy water stream. Use of heavy stream of water may
	spread fire.
5.2. Special hazards arising from	n the substance or mixture
Fire hazard	Not considered flammable but may burn at high temperatures.
Explosion hazard	Product is not explosive.
Reactivity	Hazardous reactions will not occur under normal conditions.
5.3. Advice for firefighters	
Precautionary measures fire	Exercise caution when fighting any chemical fire.
Firefighting instructions	Use water spray or fog for cooling exposed containers.
Protection during firefighting	 Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	Refer to Section 9 for flammability properties.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Avoid contact with skin, eyes, or clothing. Avoid breathing vapour, mist, or spray.
6 1 1 For non-emergency personnel	

6.1.1.For non-emergency personnel Protective equipment Use appropriate persona

Protective equipment	Use appropriate personal protection equipment (PPE).
Emergency procedures	Evacuate unnecessary personnel.

according to Regulation (EC) 140. 433/2010	
6.1.2. For emergency respon	nders
Protective equipment	Equip cleanup crew with proper protection.
Emergency procedures	Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.
6.2. Environmental precaut	lions
Prevent entry to sewers and pu	ublic waters. Notify authorities if liquid enters sewers or public waters.
6.3. Methods and material	for containment and cleaning up
For containment	Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	Clear up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.
6.4 Reference to other sec	tions

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Hygiene measures	Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.	
7.2. Conditions for safe storage, including any incompatibilities		
Technical measures	Comply with applicable regulations.	
Storage conditions	Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.	
Incompatible products	Strong acids. Strong bases. Strong oxidizers.	
7.3. Specific end use(s)		

Lubricant. Hydrophobic coating.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls	Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.
Personal protective equipment	Protective goggles. Gloves. Protective clothing.
Materials for protective clothing	Chemically resistant materials and fabrics.
Hand protection	Wear chemically resistant protective gloves.
Eye protection	Chemical goggles or safety glasses.
Skin and body protection	Wear suitable protective clothing.
Respiratory protection	Use an approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.
Environmental exposure controls	Do not allow the product to be released into the environment.
Consumer exposure controls	Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

0 1 Information on basic physical and chemical properties

9.1. Information on basic physical and c	nemical properties
Physical state	: Liquid
Appearance	: Clear, viscous
Odour	: Slight
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 275 °C (> 527 °F)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative Density	: 0,97
Solubility	: Water: Insoluble
Partition coefficient: n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2 Other information	

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical stability

Stable at standard temperature and pressure.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Will decompose above 150 °C (> 300 °F) releasing formaldehyde vapours.

10.5. Incompatible materials

Avoid contact with : Oxidizers.

10.6. Hazardous decomposition products

Under conditions of fire this material may produce: Carbon monoxide. Carbon dioxide. Silicon oxides. Low molecular weight hydrocarbon fragments. Formaldehyde.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitisation	Not classified
09/09/2015	EN (English)

MED-361 @ 130000 cP

Safety Data Sheet according to Regulation (EC) No. 453/2010

Germ cell mutagenicity	Not classified	
Carcinogenicity	Not classified	
Reproductive toxicity	Not classified	
Specific target organ toxicity (sing	gle exposure) : Not classified	
Specific target organ toxicity (rep exposure)	eated : Not classified	
Aspiration hazard	Not classified	

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

 Siloxanes and Silicones, di-Me (63148-62-9)

 Persistence and degradability
 Not established.

 12.3. Bioaccumulative potential

 Siloxanes and Silicones, di-Me (63148-62-9)

 Bioaccumulative potential

 Not established.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations	Dispose of waste material in accordance with all local, regional,
	national, and international regulations.
Ecology - waste materials	Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN 14.1. UN number Not regulated for transport 14.2. UN proper shipping name Not applicable 14.3. Transport hazard class(es) Not applicable 14.4. Packing group Not applicable 14.5. Environmental hazards Other information No supplementary information available. 14.6. Special precautions for user 14.6.1. **Overland transport** No additional information available 14.6.2. Transport by sea No additional information available

MED-361 @ 130000 cP

Safety Data Sheet according to Regulation (EC) No. 453/2010

14.6.3. Air transport
No additional information available
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Section	Section Header	Change	Date Changed
1.1	Product identifier	Changed product synonyms.	02/09/2015
2	Hazards identification	Removed DSD/DPD information.	02/09/2015
3	Composition/information on ingredients	Removed DSD/DPD information.	02/09/2015
3	Composition/information on ingredients	Formatting change	09/09/2015

Revision date Data sources 09/09/2015 According to regulation (EU) No. 2015/830 and regulation (EC) No. 1272/2008

SDS EU (REACH Annex II) 11pt

We believe that the information contained herein is current as of the date of this Safety Data Sheet, and is offered in good faith. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of NuSil Technology, it is the user's obligation to determine the conditions of safe use of the product.

MED-361 @ 1000000 cP



Safety Data Sheet according to Regulation (EC) No. 453/2010

Revision date: 09/09/2015

Date of issue: 05/10/2013 Version: 2.1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form Substance Substance name MED-361 @ 1000000 cP CAS No 63148-62-9 Synonyms Variable Viscosity Silicone Fluid 1.2. Relevant identified uses of the substance or mixture and uses advised against 1.2.1. Relevant identified uses Use of the substance/mixture Lubricant. Hydrophobic coating. 1.2.2. Uses advised against No additional information available 1.3. Details of the supplier of the safety data sheet NuSil Technology LLC 1050 Cindy Lane Carpinteria, California 93013 USA (805) 684-8780 ehs@nusil.com www.nusil.com 1.4. Emergency telephone number : 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International and Emergency number Maritime)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified

Adverse physicochemical, human health and environmental effects No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] No labelling applicable

2.3. Other Hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Siloxanes and Silicones, di-Me	(CAS No) 63148-62-9	> 90	Not classified

3.2. Mixture

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).			
First-aid measures after inhalation	Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.			
First-aid measures after skin contact	Rinse immediately with plenty of water. Remove contaminated clothing. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.			
First-aid measures after eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.			
First-aid measures after ingestion	Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.			
4.2. Most important symptoms and effects, both acute and delayed				
Symptoms/injuries	Not expected to present a significant hazard under anticipated conditions of normal use.			
Symptoms/injuries after inhalation	May cause respiratory irritation.			
Symptoms/injuries after skin contact	May cause skin irritation.			
Symptoms/injuries after eye contact	May cause eye irritation.			
Symptoms/injuries after ingestion	Ingestion is likely to be harmful or have adverse effects.			

Chronic symptoms None expected under normal conditions of use.

4.3. Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

···· J···· J····	
Suitable extinguishing media	Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	Do not use a heavy water stream. Use of heavy stream of water may spread fire.
5.2. Special hazards arising fro	m the substance or mixture
Fire hazard	Not considered flammable but may burn at high temperatures.
Explosion hazard	Product is not explosive.
Reactivity	Hazardous reactions will not occur under normal conditions.
5.3. Advice for firefighters	
Precautionary measures fire	Exercise caution when fighting any chemical fire.
Firefighting instructions	Use water spray or fog for cooling exposed containers.
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	Refer to Section 9 for flammability properties.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Avoid contact with skin, eyes, or clothing. Avoid breathing vapour,	
	mist, or spray.	
6.1.1 For non-emergency personnel		

on the mender of personnel			
Protective equipment	Use appropriate personal protection equipment (PPE).		
Emergency procedures	Evacuate unnecessary personnel.		

ders
Equip cleanup crew with proper protection.
Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.
ons
blic waters. Notify authorities if liquid enters sewers or public waters.
or containment and cleaning up
Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Clear up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Hygiene measures	Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
7.2. Conditions for safe storage	e, including any incompatibilities
Technical measures	Comply with applicable regulations.
Storage conditions	Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.
Incompatible products	Strong acids. Strong bases. Strong oxidizers.
7.3. Specific end use(s)	

Lubricant. Hydrophobic coating.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls	Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.
Personal protective equipment	Protective goggles. Gloves. Protective clothing.
Materials for protective clothing	Chemically resistant materials and fabrics.
Hand protection	Wear chemically resistant protective gloves.
Eye protection	Chemical goggles or safety glasses.
Skin and body protection	Wear suitable protective clothing.
Respiratory protection	Use an approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.
Environmental exposure controls	Do not allow the product to be released into the environment.
Consumer exposure controls	Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

0 1 Information on basic physical and chemical properties

9.1. Information on basic physical and c	nemical properties
Physical state	: Liquid
Appearance	: Clear, viscous
Odour	: Slight
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 275 °C (> 527 °F)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative Density	: 0,97
Solubility	: Water: Insoluble
Partition coefficient: n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2 Other information	

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical stability

Stable at standard temperature and pressure.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Will decompose above 150 °C (> 300 °F) releasing formaldehyde vapours.

10.5. Incompatible materials

Avoid contact with : Oxidizers.

10.6. Hazardous decomposition products

Under conditions of fire this material may produce: Carbon monoxide. Carbon dioxide. Silicon oxides. Low molecular weight hydrocarbon fragments. Formaldehyde.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitisation	Not classified
09/09/2015	EN (English)

MED-361 @ 1000000 cP

Safety Data Sheet according to Regulation (EC) No. 453/2010

Germ cell mutagenicity	Not classified	
Carcinogenicity	Not classified	
Reproductive toxicity	Not classified	
Specific target organ toxicity (sing	gle exposure) : Not classified	b
Specific target organ toxicity (rep exposure)	beated : Not classified	
Aspiration hazard	Not classified	

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

Siloxanes and Silicones, di-Me (63148-62-9) Persistence and degradability Not established. 12.3. Bioaccumulative potential Siloxanes and Silicones, di-Me (63148-62-9) Not established.

Bioaccumulative potential

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations	Dispose of waste material in accordance with all local, regional,
	national, and international regulations.
Ecology - waste materials	Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN 14.1. UN number Not regulated for transport 14.2. UN proper shipping name Not applicable 14.3. Transport hazard class(es) Not applicable 14.4. Packing group Not applicable 14.5. Environmental hazards Other information No supplementary information available. 14.6. Special precautions for user 14.6.1. **Overland transport** No additional information available 14.6.2. Transport by sea No additional information available

14.6.3. Air transport
No additional information available
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Section	Section Header	Change	Date Changed
1.1	Product identifier	Changed product synonyms.	02/09/2015
2	Hazards identification	Removed DSD/DPD information.	02/09/2015
3	Composition/information on ingredients	Removed DSD/DPD information.	02/09/2015
3	Composition/information on ingredients	Formatting change	09/09/2015

Revision date Data sources 09/09/2015 According to regulation (EU) No. 2015/830 and regulation (EC) No. 1272/2008

SDS EU (REACH Annex II) 11pt

We believe that the information contained herein is current as of the date of this Safety Data Sheet, and is offered in good faith. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of NuSil Technology, it is the user's obligation to determine the conditions of safe use of the product.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Revision date: 18/11/2019 Date of issue: 05/10/2013



Avantor



Version: 3.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Form Product Name CAS No Synonyms

Substance MED-361 @ 12,500 CP 63148-62-9 Silicone Fluid

1.2. Relevant identified uses of the substance or mixture and uses advised against 1.2.1.Relevant identified uses

Industrial/Professional use spec For professional use only.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet NuSil Technology Europe

1198 Avenue Maurice Donat Le Natura Bt. 2 06250 Mougins France +33 4 92 96 93 31 ehs@nusil.com www.nusil.com

1.4. Emergency telephone number

: 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International Emergency and Maritime) +(44)-870-8200418 +(353)-19014670

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified

Adverse physicochemical, human health and environmental effects No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

2.3. Other Hazards

Other hazards not contributing None under normal conditions. to the classification

number

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 3: Composition/information on ingredients

3.1. Substance

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Siloxanes and Silicones, di-Me	(CAS No) 63148-62-9	100	Not classified

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
First-aid measures after skin contact	Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.
First-aid measures after eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
First-aid measures after ingestion	Rinse mouth. Do NOT induce vomiting. Obtain medical attention.
4.2. Most important symptoms	s and effects, both acute and delayed
Symptoms/injuries	Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after inhalation	Prolonged exposure may cause irritation.
Symptoms/injuries after skin contact	Prolonged exposure may cause skin irritation.
Symptoms/injuries after eye contact	May cause slight irritation to eyes.
Symptoms/injuries after ingestion	Ingestion may cause adverse effects.
Chronic symptoms	None expected under normal conditions of use.
4.3. Indication of any immedi	ate medical attention and special treatment needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray, dry chemical, alcohol-resistant foam, carbon dioxide.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Unsuitable extinguishing media	Do not use a heavy water stream. Use of heavy stream of water may spread fire. Application of water stream to hot product may cause frothing and increase fire intensity.
5.2. Special hazards arising f	rom the substance or mixture
Fire hazard	Not considered flammable but may burn at high temperatures.
Explosion hazard	Product is not explosive.
Reactivity	Hazardous reactions will not occur under normal conditions.
5.3. Advice for firefighters	
Precautionary measures fire	Exercise caution when fighting any chemical fire.
Firefighting instructions	Use water spray or fog for cooling exposed containers.
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, General measures	protective equipment and emergency procedures Avoid prolonged contact with eyes, skin and clothing. Avoid breathing (vapour, mist, spray).
6.1.1. For non-emerge	ency personnel
Protective equipment	Use appropriate personal protective equipment (PPE).
Emergency procedures	Evacuate unnecessary personnel.
6.1.2. For emergency	responders
Protective equipment Emergency procedures	Equip cleanup crew with proper protection. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area
6.2. Environmental precau	
Prevent entry to sewers and p	
	for containment and cleaning up
For containment	Contain any shills with dikes or absorbents to prevent

Contain any spills with alkes of absorberns to prevent
migration and entry into sewers or streams.
Clean up spills immediately and dispose of waste safely.
Transfer spilled material to a suitable container for disposal.
Contact competent authorities after a spill.

6.4. Reference to other sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing.
Hygiene measures	Avoid breathing vapours, mist, spray. Handle in accordance with good industrial hygiene and safety procedures.

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

7.2. Conditions for safe storage, including any incompatibilities

Technical measuresComply with applicable regulations.Storage conditionsKeep container closed when not in use. Store in a dry, cool
place. Keep/Store away from direct sunlight, extremely high or
low temperatures and incompatible materials.Incompatible productsStrong acids, strong bases, strong oxidizers.

7.3. Specific end use(s)

Cosmetics, personal care products. For professional use only.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls Personal protective equipment

Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Gloves. Protective clothing. Protective goggles.



Materials for protective clothing Hand protection Eye protection Skin and body protection Respiratory protection

- Chemically resistant materials and fabrics.
- Wear protective gloves.
- Chemical safety goggles.
- Wear suitable protective clothing.
- If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection. When using, do not eat, drink or smoke.

Other information

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Colour	:	Colourless
Odour	:	No data available
Odour threshold	:	No data available
рН	:	No data available
Relative evaporation rate	:	No data available
(butylacetate=1)		
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	> 135 °C (> 275 °F)
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	No data available

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative Density	: 0.97 (Water = 1)
Solubility	: No data available
Partition coefficient: n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	
VOC Content	: <1%

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizers.

10.6. Hazardous decomposition products

Thermal decomposition generates: Carbon oxides (CO, CO₂). Silicon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Not classified
Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitisation Germ cell mutagenicity	Not classified Not classified Not classified Not classified
Carcinogenicity Reproductive toxicity	Not classified
Specific target organ toxicity (sin exposure)	
Specific target organ toxicity (re exposure)	epeated : Not classified
Aspiration hazard	Not classified

SECTION 12: Ecological information

12.1.Toxicity

Ecology - general

EN (English)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

12.2. Persistence and degradability		
Siloxanes and Silicones, di-Me (63148-62-9)		
Persistence and degradability	Not established.	
12.3. Bioaccumulative potential		
Siloxanes and Silicones, di-Me (63148-62-9)		
Bioaccumulative potential	Not established.	
12.4. Mobility in soil		
No additional information available		
12.5. Results of PBT and vPvB assessment		

No additional information available

12.6. Other adverse effects Other information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal	Dispose of contents/container in accordance with local,
recommendations	regional, national, and international regulations.
Ecology - waste materials	Avoid release to the environment.

SECTION 14: Transport information

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID	
14.1. UN number					
Not regulated for transport					
14.2. UN proper shipping name					
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.3. Transport hazard class(es)					
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.4. Packing group					
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.5. Environmental hazards					
Dangerous for the	Dangerous for the	Dangerous for the	Dangerous for the	Dangerous for the	
environment : No	environment : No	environment : No	environment : No	environment : No	
	Marine pollutant :				
14 / 6	No				

14.6. Special precautions for user

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Section	Section Heade	r	Change	Date Changed
1	Identification of the substance/mixture and of the company/undertaking		Modified	18/11/2019
Date of Preparation or Latest Revision Data sources		18/11/2018		
		Information and data obtained and used in the authoring of this safety data sheet could come from database subscriptions, official government regulatory body websites, product/ingredient manufacturer or supplier specific information, and/or resources that include substance specific data and classifications according to GHS or their subsequent adoption of GHS.		

Other information	According to Regulation (EC) No. 1907/2006 (REACH) with
	amendment Regulation (EU) 2015/830

Abbreviations and Acronyms

Abbie fiancing and Actoriging	
ACGIH – American Conference of Governmental Industrial Hygienists	MARPOL - International Convention for the Prevention of Pollution
ADN – European Agreement Concerning the International Carriage of	NDS - Najwyzsze Dopuszczalne Stezenie
Dangerous Goods by Inland Waterways	NDSCh - Najwyzsze Dopuszczalne Stezenie Chwilowe
ADR - European Agreement Concerning the International Carriage of	NDSP - Najwyzsze Dopuszczalne Stezenie Pulapowe
Dangerous Goods by Road	NOAEL - No-Observed Adverse Effect Level
ATE - Acute Toxicity Estimate	NOEC - No-Observed Effect Concentration
BCF - Bioconcentration Factor	NRD - Nevirsytinas Ribinis Dydis
BEI - Biological Exposure Indices (BEI)	NTP – National Toxicology Program
BOD – Biochemical Oxygen Demand	OEL - Occupational Exposure Limits
CAS No Chemical Abstracts Service Number	PBT - Persistent, Bioaccumulative and Toxic
CLP – Classification, Labeling and Packaging Regulation (EC) No	PEL - Permissible Exposure Limit
1272/2008	pH – Potential Hydrogen
COD – Chemical Oxygen Demand	REACH – Registration, Evaluation, Authorisation, and Restriction of
EC – European Community	Chemicals
EC50 - Median Effective Concentration	RID – Regulations Concerning the International Carriage of Dangerous
EEC – European Economic Community	Goods by Rail
EINECS – European Inventory of Existing Commercial Chemical	SADT - Self Accelerating Decomposition Temperature
Substances	SDS - Safety Data Sheet
EmS-No. (Fire) - IMDG Emergency Schedule Fire	STEL - Short Term Exposure Limit
EmS-No. (Spillage) - IMDG Emergency Schedule Spillage	TA-Luft - Technische Anleitung zur Reinhaltung der Luft
EU – European Union	TEL TRK – Technical Guidance Concentrations
ErC50 - EC50 in Terms of Reduction Growth Rate	ThOD – Theoretical Oxygen Demand
GHS – Globally Harmonized System of Classification and Labeling of	TLM - Median Tolerance Limit
Chemicals	TLV - Threshold Limit Value
IARC - International Agency for Research on Cancer	TPRD - Trumpalaikio Poveikio Ribinis Dydis
IATA - International Air Transport Association	TRGS 510 - Technische Regel für Gefahrstoffe 510 - Lagerung von
IBC Code - International Bulk Chemical Code	Gefahrstoffen in ortsbeweglichen Behältern
IMDG - International Maritime Dangerous Goods	TRGS 552 – Technische Regeln für Gefahrstoffe - N-Nitrosamine
IPRV - Ilgalaikio Poveikio Ribinis Dydis	TRGS 900 - Technische Regel für Gefahrstoffe 900 –

EN (English)

its

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

IOELV – Indicative Occupational Exposure Limit Value

- LC50 Median Lethal Concentration LD50 - Median Lethal Dose LOAEL - Lowest Observed Adverse Effect Level
- LOEC Lowest-Observed-Effect Concentration
- Log Koc Soil Organic Carbon-water Partitioning Coefficient Log Kow - Octanol/water Partition Coefficient

Log Row - Octanol/water Parilion Coefficient Log Pow - Ratio of the equilibrium concentration (C) of a dissolved

substance in a two-phase system consisting of two largely immiscible

solvents, in this case octanol and water

MAK – Maximum Workplace Concentration/Maximum Permissible Concentration

Arbeitsplatzgrenzwerte TRGS 903 - Technische Regel für Gefahrstoffe 903 - Biologische Grenzwerte TSCA - Toxic Substances Control Act TWA - Time Weighted Average VOC - Volatile Organic Compounds VLA-EC - Valor Límite Ambiental Exposición de Corta Duración VLA-ED - Valor Límite Ambiental Exposición Diaria VLE - Valeur Limite D'exposition VME - Valeur Limite De Moyenne Exposition vPvB - Very Persistent and Very Bioaccumulative WEL - Workplace Exposure Limit WGK - Wassergefährdungsklasse

Nusil EU GHS SDS

The information provided in this Safety Data Sheet (SDS) was prepared based on data believed to be accurate as of the date of this SDS. TO THE GREATEST EXTENT PERMITTED BY LAW, NUSIL TECHNOLOGY LLC AND ITS AFFILIATED COMPANIES ("NUSIL") EXPRESSLYDISCLAIMS ANY AND ALL REPRESENTATIONS AND WARRANTIES REGARDING THE INFORMATION CONTAINED HEREIN INCLUDING, WITHOUT LIMITATION, AS TO ACCURACY, COMPLETENESS, FITNESS FOR PURPOSE OR USE, MERCHANTABILITY, NON-INFRINGEMENT, PERFORMANCE, SAFETY, SUITABILITY AND STABILITY. This SDS is intended as a guide to the appropriate use, handling, storage and disposal of the product to which it relates by properly trained personnel, and is not intended to be comprehensive. Users of NuSil's products are advised to perform their own tests and to exercise their own judgment to determine the safety, suitability and appropriate use, handling, storage and disposal of each product and product combination for their own purposes and uses. TO THE GREATEST EXTENT PERMITTED BY LAW, NUSIL DISCLAIMS LIABILITY FOR, AND BY USING NUSIL'S PRODUCTS PURCHASER AGREES THAT UNDER NO CIRCUMSTANCES SHALL NUSIL BE LIABLE FOR, SPECIAL, INDIRECT, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES OF ANY TYPE OR KIND, INCLUDING WITHOUT LIMITATION, FOR LOSS OF PROFITS, REPUTATIONAL DAMAGE, PRODUCT RECALL OR BUSINESS INTERRUPTION.



Silicone Sales & Services UK - Ireland - Benelux

© 2022 - Polymer Systems Technology Limited™ Unit 2. Network 4. Cressex Business Park, Lincoln Road, High Wycombe, Bucks. HP12 3RF

tel: +44 (0) 1494 446610

web: https://www.silicone-polymers.com

email: sales@silicone-polymers.co.uk

