

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Revision date: 16/03/2020 Date of issue: 05/12/2014

Version: 4.0

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

1.1. Product Identifier

Product form Mixture
Product Name MED-1031
Synonyms Adhesive Silicone

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
ehs@nusil.com
www.nusil.com

1.4. Emergency Telephone Number

Emergency Number : 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC
(International 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]

Eye Irrit. 2 H319

Skin Sens. 1 H317

STOT RE 2 H373

Full text of hazard classes and H-statements : see section 16

2.2. Label Elements

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

Hazard Pictograms (CLP)



GHS07

GHS08

Signal Word (CLP)

Warning

Hazardous Ingredients

2-Butanone, O,O',O''-(methylsilylidyne)trioxime; N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine; Dibutyltin dilaurate

Hazard Statements (CLP)

H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H373 - May cause damage to organs (blood) through

MED-1031

Safety Data Sheet

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

Precautionary Statements (CLP)

prolonged or repeated exposure (oral).
P260 - Do not breathe vapours, mist, spray
P264 - Wash hands, forearms, exposed areas thoroughly after handling
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear eye protection, protective clothing, protective gloves
P302+P352 - IF ON SKIN: Wash with plenty of water
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P314 - Get medical advice/attention if you feel unwell.
P321 - Specific treatment (see SECTION 4 on this SDS)
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other Hazards

Other Hazards Not Contributing to the Classification

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

SECTION 3: Composition/Information on Ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product Identifier | % | Classification According to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|-------|--|
| 2-Butanone, O,O',O''-(methylsilylidyne)trioxime | (CAS-No.) 22984-54-9 (EC-No.) 245-366-4 | < 15 | Eye Irrit. 2, H319 Skin Sens. 1B, H317 STOT RE 2, H373 |
| N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine | (CAS-No.) 1760-24-3 (EC-No.) 217-164-6 | < 1 | Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Dam. 1, H318 Skin Sens. 1, H317 |
| Dibutyltin dilaurate | (CAS-No.) 77-58-7 (EC-No.) 201-039-8 (EC Index-No.) 050-030-00-3 | < 0,3 | Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Muta. 2, H341 Repr. 1B, H360 STOT SE 1, H370 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |

MED-1031

Safety Data Sheet

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

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. Immediately drench affected area with water for at least 15 minutes. Obtain medical attention if irritation/rash develops or persists. |
| First-Aid Measures After Eye Contact | Immediately rinse 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. Obtain medical attention. |

4.2. Most Important Symptoms and Effects Both Acute and Delayed

| | |
|-------------------------------------|--|
| Symptoms/Effects | Causes serious eye irritation. Skin sensitisation. May cause damage to organs through prolonged or repeated exposure. Prolonged exposure may cause irritation. |
| Symptoms/Effects After Inhalation | |
| Symptoms/Effects After Skin Contact | May cause an allergic skin reaction. |
| Symptoms/Effects After Eye Contact | Redness, pain, swelling, itching, burning, tearing, and blurred vision. |
| Symptoms/Effects After Ingestion | Ingestion may cause adverse effects. |
| Chronic Symptoms | May cause damage to organs (blood) through prolonged or repeated exposure (oral). |

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 | 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. 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 Products in Case of Fire | Silicon oxides. Carbon oxides (CO, CO ₂). Nitrogen compounds. Formaldehyde. Oxides of tin. |

5.3. Advice for Firefighters

| | |
|-----------------------------|---|
| Precautionary Measures Fire | Exercise caution when fighting any chemical fire. |
|-----------------------------|---|

MED-1031

Safety Data Sheet

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

| | |
|--------------------------------|--|
| Firefighting Instructions | Use water spray or fog for cooling exposed containers. Do not allow run-off from fire fighting to enter drains or water sources. |
| 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 Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray.

6.1.1. For Non-Emergency Personnel

Protective Equipment Use appropriate personal protective equipment (PPE).
Emergency Procedures Evacuate unnecessary personnel. Evacuate unnecessary personnel.

6.1.2. For Emergency Responders

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 Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and Materials 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. Contact competent authorities after a spill. Transfer spilled material to a suitable container for disposal.

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

Additional Hazards When Processed When heated, material emits irritating fumes. Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained.

Precautions for Safe Handling Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe vapours, mist, spray. Avoid contact with skin, eyes and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Hygiene Measures Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures Comply with applicable regulations.

MED-1031

Safety Data Sheet

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

Storage Conditions

Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in a dry, cool place. Store locked up/in a secure area.

Incompatible Materials

Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(S)

For professional use only.

SECTION 8: Exposure Controls/Personal Protection

8.1. Control Parameters

| Tin organic compounds | | |
|-----------------------|--|--|
| Austria | MAK (mg/m ³) | 0,1 mg/m ³ (except tri-n-Butyltin compounds-inhalable fraction) |
| Austria | MAK Short time value (mg/m ³) | 0,2 mg/m ³ (except Tri-n-butyltin compounds-inhalable fraction) |
| Austria | OEL chemical category (AT) | Skin notation except Tri-n-butyltin compounds |
| Belgium | Limit value (mg/m ³) | 0,1 mg/m ³ |
| Belgium | Short time value (mg/m ³) | 0,2 mg/m ³ |
| Belgium | OEL chemical category (BE) | Skin |
| Bulgaria | OEL TWA (mg/m ³) | 0,1 mg/m ³ |
| Croatia | GVI (granična vrijednost izloženosti) (mg/m ³) | 0,1 mg/m ³ (except Cyhexatin) |
| Croatia | KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m ³) | 0,2 mg/m ³ (except Cyhexatin) |
| Czech Republic | Expoziční limity (PEL) (mg/m ³) | 0,1 mg/m ³ |
| Czech Republic | OEL chemical category (CZ) | Potential for cutaneous absorption |
| Denmark | Grænseværdie (langvarig) (mg/m ³) | 0,1 mg/m ³ (except Tri-n-butyltin compounds) |
| Estonia | OEL TWA (mg/m ³) | 0,1 mg/m ³ |
| Estonia | OEL STEL (mg/m ³) | 0,2 mg/m ³ |
| Estonia | OEL chemical category (ET) | Skin notation |
| Finland | HTP-arvo (8h) (mg/m ³) | 0,1 mg/m ³ |
| Finland | HTP-arvo (15 min) | 0,3 mg/m ³ |
| Finland | OEL chemical category (FI) | Potential for cutaneous absorption |
| France | VLE (mg/m ³) | 0,2 mg/m ³ |
| France | VME (mg/m ³) | 0,1 mg/m ³ |
| Greece | OEL TWA (mg/m ³) | 0,1 mg/m ³ |
| Greece | OEL STEL (mg/m ³) | 0,2 mg/m ³ |
| Greece | OEL chemical category (GR) | skin - potential for cutaneous absorption |
| Hungary | AK-érték | 0,1 mg/m ³ |
| Hungary | CK-érték | 0,4 mg/m ³ |
| Hungary | OEL chemical category (HU) | Potential for cutaneous absorption |
| Ireland | OEL (8 hours ref) (mg/m ³) | 0,1 mg/m ³ |

MED-1031

Safety Data Sheet

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

| | | |
|----------------|--|--|
| Ireland | OEL (15 min ref) (mg/m ³) | 0,2 mg/m ³ |
| Lithuania | IPRV (mg/m ³) | 0,1 mg/m ³ |
| Lithuania | TPRV (mg/m ³) | 0,2 mg/m ³ |
| Lithuania | OEL chemical category (LT) | Skin notation |
| Norway | Grenseverdier (AN) (mg/m ³) | 0,1 mg/m ³ |
| Norway | Grenseverdier (Korttidsverdi) (mg/m ³) | 0,3 mg/m ³ (value calculated) |
| Norway | OEL chemical category (NO) | Skin notation |
| Portugal | OEL TWA (mg/m ³) | 0,1 mg/m ³ |
| Portugal | OEL STEL (mg/m ³) | 0,2 mg/m ³ |
| Portugal | OEL chemical category (PT) | A4 - Not Classifiable as a Human Carcinogen, skin - potential for cutaneous exposure |
| Romania | OEL TWA (mg/m ³) | 0,05 mg/m ³ |
| Romania | OEL STEL (mg/m ³) | 0,15 mg/m ³ |
| Slovakia | NPHV (priemerná) (mg/m ³) | 0,1 mg/m ³ |
| Slovakia | NPHV (Hraničná) (mg/m ³) | 0,2 mg/m ³ |
| Slovakia | OEL chemical category (SK) | Potential for cutaneous absorption |
| Spain | VLA-ED (mg/m ³) | 0,1 mg/m ³ |
| Spain | VLA-EC (mg/m ³) | 0,2 mg/m ³ |
| Spain | OEL chemical category (ES) | skin - potential for cutaneous absorption |
| Sweden | nivågränsvärde (NVG) (mg/m ³) | 0,1 mg/m ³ (total dust) |
| Sweden | kortidsvärde (KTV) (mg/m ³) | 0,2 mg/m ³ (total dust) |
| Sweden | OEL chemical category (SE) | Skin notation |
| Switzerland | KZGW (mg/m ³) | 0,2 mg/m ³ (inhalable dust) |
| Switzerland | MAK (mg/m ³) | 0,1 mg/m ³ (inhalable dust) |
| Switzerland | OEL chemical category (CH) | Skin notation |
| United Kingdom | WEL TWA (mg/m ³) | 0,1 mg/m ³ (except Cyhexatin) |
| United Kingdom | WEL STEL (mg/m ³) | 0,2 mg/m ³ (except Cyhexatin) |
| United Kingdom | WEL chemical category | Potential for cutaneous absorption except Cyhexatin |

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. Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing

Chemically resistant materials and fabrics.

Hand Protection

Wear protective gloves.

Eye Protection

Chemical safety goggles.

Skin and Body Protection

Wear suitable protective clothing.

MED-1031

Safety Data Sheet

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

| | |
|------------------------|--|
| 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. |
| Other Information | When using, do not eat, drink or smoke. |

SECTION 9: Physical and Chemical Hazards

9.1. Information on Basic Physical and Chemical Properties

| | |
|---------------------------------------|-------------------|
| Physical State | Liquid |
| Colour | Translucent |
| Odour | Characteristic |
| Odour Threshold | No data available |
| pH | No data available |
| 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 |
| Relative Density | > 1 (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.

MED-1031

Safety Data Sheet

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

10.6. Hazardous Decomposition Products

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

| | |
|--|----------------|
| 2-Butanone, O,O',O''-(methylsilylidyne)trioxime (22984-54-9) | |
| LD50 Oral Rat | 2463 mg/kg |
| LD50 Dermal Rat | > 2000 mg/kg |
| N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine (1760-24-3) | |
| LD50 Oral Rat | 2295 mg/kg |
| LD50 Dermal Rabbit | > 2000 mg/kg |
| LC50 Inhalation Rat | > 1,49 mg/l/4h |
| Dibutyltin dilaurate (77-58-7) | |
| LD50 Oral | 175 mg/kg |
| LD50 Dermal Rat | > 2 g/kg |

| | |
|--|---|
| Skin Corrosion/Irritation | Not classified (Based on available data, the classification criteria are not met) |
| Eye Damage/Irritation | Causes serious eye irritation. |
| Respiratory or Skin Sensitization | May cause an allergic skin reaction. |
| 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) |
| 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 (Repeated Exposure) | May cause damage to organs (blood) through prolonged or repeated exposure (oral). |
| 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.

| | |
|--|---|
| 2-Butanone, O,O',O''-(methylsilylidyne)trioxime (22984-54-9) | |
| EC50 Daphnia 1 | 120 mg/l (Exposure time: 48h - Species: Daphnia magna) |
| N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine (1760-24-3) | |
| LC50 Fish 1 | 597 mg/l (Species: Danio rerio) |
| EC50 Daphnia 1 | 81 mg/l |
| ErC50 (Algae) | 8,8 mg/l (Exposure time: 72 h - Species: Pseudokirchneriella subcapitata) |
| NOEC Chronic Fish | 344 mg/l |

MED-1031

Safety Data Sheet

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

| | |
|---|--|
| N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine (1760-24-3) | |
| NOEC Chronic Crustacea | 35 mg/l |
| NOEC Chronic Algae | 3,1 mg/l (Pseudokirchnerella subcapitata Exposure time: 96h) |
| Dibutyltin dilaurate (77-58-7) | |
| EC50 Daphnia 1 | 0,463 mg/l (Daphnia magna) |

12.2. Persistence and Degradability

| | |
|-------------------------------|------------------|
| MED-1031 | |
| Persistence and Degradability | Not established. |

12.3. Bioaccumulative Potential

| | |
|--------------------------------|------------------|
| MED-1031 | |
| Bioaccumulative potential | Not established. |
| Dibutyltin dilaurate (77-58-7) | |
| Log Pow | 4,44 |

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

| | |
|----------------------------|--|
| Product/Packaging Disposal | Dispose of contents/container in accordance with local, regional, national, and international regulations. |
| Recommendations | |
| 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 |
| 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

MED-1031

Safety Data Sheet

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

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 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 | 16/03/2020 |

Date of Preparation or Latest Revision 16/03/2020

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

Full Text of H- and EUH-statements:

| | |
|--|---|
| Acute Tox. 4 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment — Acute Hazard, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment — Chronic Hazard, Category 1 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Muta. 2 | Germ cell mutagenicity, Category 2 |
| Repr. 1B | Reproductive toxicity, Category 1B |
| Skin Corr. 1C | Skin corrosion/irritation, Category 1C |
| Skin Sens. 1 | Skin sensitisation, Category 1 |
| Skin Sens. 1B | Skin sensitisation, category 1B |
| STOT RE 1 | Specific target organ toxicity — Repeated exposure, Category 1 |
| STOT RE 2 | Specific target organ toxicity — Repeated exposure, Category 2 |
| STOT SE 1 | Specific target organ toxicity — Single exposure, Category 1 |
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |

MED-1031

Safety Data Sheet

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

| | |
|------|--|
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H341 | Suspected of causing genetic defects. |
| H360 | May damage fertility or the unborn child. |
| H370 | Causes damage to organs. |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |

Abbreviations and Acronyms

ACGIH – American Conference of Governmental Industrial Hygienists
ADN – European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR – European Agreement Concerning the International Carriage of Dangerous Goods by Road
ATE – Acute Toxicity Estimate
BCF – Bioconcentration Factor
BEI – Biological Exposure Indices (BEI)
BOD – Biochemical Oxygen Demand
CAS No. – Chemical Abstracts Service Number
CLP – Classification, Labeling and Packaging Regulation (EC) No 1272/2008
COD – Chemical Oxygen Demand
EC – European Community
EC50 – Median Effective Concentration
EEC – European Economic Community
EINECS – European Inventory of Existing Commercial Chemical Substances
EmS-No. (Fire) – IMDG Emergency Schedule Fire
EmS-No. (Spillage) – IMDG Emergency Schedule Spillage
EU – European Union
ErC50 – EC50 in Terms of Reduction Growth Rate
GHS – Globally Harmonized System of Classification and Labeling of Chemicals
IARC – International Agency for Research on Cancer
IATA – International Air Transport Association
IBC Code – International Bulk Chemical Code
IMDG – International Maritime Dangerous Goods
IPRV – Ilgalaikio Poveikio Ribinis Dydis
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
MARPOL – International Convention for the Prevention of Pollution

NDS – Najwyższe Dopuszczalne Stezenie
NDSCh – Najwyższe Dopuszczalne Stezenie Chwilowe
NDSP – Najwyższe Dopuszczalne Stezenie Pulapowe
NOAEL – No-Observed Adverse Effect Level
NOEC – No-Observed Effect Concentration
NRD – Nevirsytinas Ribinis Dydis
NTP – National Toxicology Program
OEL – Occupational Exposure Limits
PBT – Persistent, Bioaccumulative and Toxic
PEL – Permissible Exposure Limit
pH – Potential Hydrogen
REACH – Registration, Evaluation, Authorisation, and Restriction of Chemicals
RID – Regulations Concerning the International Carriage of Dangerous Goods by Rail
SADT – Self Accelerating Decomposition Temperature
SDS – Safety Data Sheet
STEL – Short Term Exposure Limit
STOT – Specific Target Organ Toxicity
TA-Luft – Technische Anleitung zur Reinhaltung der Luft
TEL TRK – Technical Guidance Concentrations
ThOD – Theoretical Oxygen Demand
TLM – Median Tolerance Limit
TLV – Threshold Limit Value
TPRD – Trumpalaikio Poveikio Ribinis Dydis
TRGS 510 – Technische Regel für Gefahrstoffe 510 – Lagerung von Gefahrstoffen in ortsbeweglichen Behältern
TRGS 552 – Technische Regeln für Gefahrstoffe – N-Nitrosamine
TRGS 900 – Technische Regel für Gefahrstoffe 900 – 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

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Safety Data Sheet

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

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