

## Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Revision date: 13/05/2019 Date of issue: 08/01/2014

Version: 3.0

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

### 1.1. Product Identifier

Product form Mixture  
Product Name MED-6655  
Synonyms Fluorosilicone Dispersion

### 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](mailto:ehs@nusil.com)  
[www.nusil.com](http://www.nusil.com)

### 1.4. Emergency Telephone Number

Emergency Number : +(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]

Flam. Liq. 2 H225  
Skin Irrit. 2 H315  
Eye Dam. 1 H318  
STOT SE 3 H335

Full text of hazard classes and H-statements : see section 1.6

### 2.2. Label Elements

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

Hazard Pictograms (CLP)



GHS02

GHS05

GHS07

Signal Word (CLP)

Danger

Hazard Statements (CLP)

H225 - Highly flammable liquid and vapour.  
H315 - Causes skin irritation.  
H318 - Causes serious eye damage.  
H335 - May cause respiratory irritation.

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Precautionary Statements (CLP)	<p>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P233 - Keep container tightly closed.</p> <p>P240 - Ground and bond container and receiving equipment.</p> <p>P241 - Use explosion-proof electrical, ventilating, and lighting equipment.</p> <p>P242 - Use non-sparking tools.</p> <p>P243 - Take action to prevent static discharges.</p> <p>P261 - Avoid breathing vapors, mist, or spray</p> <p>P264 - Wash hands, forearms, and exposed areas thoroughly after handling</p> <p>P271 - Use only outdoors or in a well-ventilated area.</p> <p>P280 - Wear eye protection, face protection, protective clothing, protective gloves</p> <p>P302+P352 - IF ON SKIN: Wash with plenty of water</p> <p>P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.</p> <p>P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 - Immediately call a POISON CENTER or doctor</p> <p>P312 - Call a POISON CENTRE or doctor if you feel unwell.</p> <p>P321 - Specific treatment (see Section 4 on this SDS)</p> <p>P332+P313 - If skin irritation occurs: Get medical advice/attention.</p> <p>P362+P364 - Take off contaminated clothing and wash it before reuse.</p> <p>P370+P378 - In case of fire: Use appropriate media (see section 5) to extinguish</p> <p>P403+P233+P235 - Store in a well-ventilated place. Keep container tightly closed. Keep cool.</p> <p>P405 - Store locked up.</p> <p>P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.</p>
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### 2.3. Other Hazards

Other Hazards Not Contributing to the Classification	Exposure may aggravate pre-existing eye, skin, or respiratory conditions.
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## SECTION 3: Composition/Information on Ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixture

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Name	Product Identifier	%	Classification According to Regulation (EC) No. 1272/2008 [CLP]
Siloxanes and Silicones, methyl 3,3,3-trifluoropropyl, hydroxy-terminated	(CAS-No.) 68607-77-2	40 - 60	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
tert-Butyl acetate substance with national workplace exposure limit(s) (AT, BE, CH, CZ, DE, DK, ES, FI, FR, GB, GR, IE, LV, PL, PT, SE, SK)	(CAS-No.) 540-88-5 (EC-No.) 208-760-7 (EC Index-No.) 607-026-00-7	30 - 50	Flam. Liq. 2, H225
Silanetriol, ethyl-, triacetate	(CAS-No.) 17689-77-9 (EC-No.) 241-677-4	< 5	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318
Silanetriol, methyl-, triacetate	(CAS-No.) 4253-34-3 (EC-No.) 224-221-9	< 5	Acute Tox. 4 (Oral), H302 Skin Corr. 1C, H314 Eye Dam. 1, H318

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

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

Remove contaminated clothing. Drench affected area with water or soap and water for at least 15 minutes. 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 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

#### First-Aid Measures After Ingestion

Seek medical attention if a large amount is swallowed. Rinse mouth. Do NOT induce vomiting.

### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

#### Symptoms/Effects

Causes skin irritation. Causes serious eye damage. May cause drowsiness and dizziness. May cause respiratory irritation.

#### Symptoms/Effects After Inhalation

May cause irritation to the respiratory tract, sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing. High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms.

#### Symptoms/Effects After Skin Contact

Redness, pain, swelling, itching, burning, dryness, and dermatitis.

#### Symptoms/Effects After Eye Contact

Causes permanent damage to the cornea, iris, or conjunctiva.

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Symptoms/Effects After Ingestion is likely to be harmful or have adverse effects.  
Ingestion

Chronic Symptoms Repeated exposure may cause skin dryness or cracking.

### 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 Water spray, fog, carbon dioxide, foam, dry chemical.

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 Highly flammable liquid and vapour.

Explosion Hazard May form flammable/explosive vapour-air mixture.

Reactivity Reacts violently with (strong) oxidizers: (increased) risk of fire/explosion.

Hazardous Decomposition Carbon oxides (CO, CO<sub>2</sub>). Silicon oxides. Will decompose above 150 °C (> 300 °F) releasing formaldehyde vapours. Products in Case of Fire Formaldehyde is a potential carcinogen and can act as a skin and respiratory sensitizer. Formaldehyde can also cause respiratory and eye irritation. Isobutylene. Acetic acid. Oxides of tin.

### 5.3. Advice for Firefighters

Precautionary Measures Fire Exercise caution when fighting any chemical fire.

Firefighting Instructions Do not breathe fumes from fires or vapours from decomposition.

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 Use special care to avoid static electric charges. Keep away from heat, sparks, open flames, hot surfaces. – No smoking. Avoid contact with skin, eyes and clothing. Avoid breathing (vapor, mist, spray).

#### 6.1.1. For Non-Emergency Personnel

Protective Equipment Use appropriate personal protective equipment (PPE).

Emergency Procedures Evacuate unnecessary personnel.

#### 6.1.2. For Emergency Responders

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 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.

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### Methods For Cleaning Up

Clean up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Do not take up in combustible material such as: saw dust or cellulosic material. Use only non-sparking tools. Contact competent authorities after a spill.

### 6.4. Reference to Other Sections

See Section 8 for advice on personal protective equipment and Section 13 for disposal considerations.

## SECTION 7: Handling And Storage

### 7.1. Precautions for Safe Handling

Additional Hazards When Processed

Handle empty containers with care because residual vapours are flammable.

Precautions for Safe Handling

Avoid contact with skin and eyes. Take precautionary measures against static discharge. Use only non-sparking tools. Keep away from heat, sparks, open flames, hot surfaces. – No smoking.

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 again when leaving work.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures

Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment. 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. Keep in fireproof place.

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

tert-Butyl acetate (540-88-5)		
Austria	MAK (mg/m <sup>3</sup> )	96 mg/m <sup>3</sup>
Austria	MAK (ppm)	20 ppm
Austria	MAK Short time value (mg/m <sup>3</sup> )	96 mg/m <sup>3</sup>
Austria	MAK Short time value (ppm)	20 ppm
Austria	OEL - Ceilings (mg/m <sup>3</sup> )	96 mg/m <sup>3</sup>
Austria	OEL - Ceilings (ppm)	20 ppm
Belgium	Limit value (mg/m <sup>3</sup> )	238 mg/m <sup>3</sup>
Belgium	Limit value (ppm)	50 ppm

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Belgium	Short time value (mg/m <sup>3</sup> )	712 mg/m <sup>3</sup>
Belgium	Short time value (ppm)	150 ppm
Croatia	GVI (granična vrijednost izloženosti) (mg/m <sup>3</sup> )	966 mg/m <sup>3</sup>
Croatia	GVI (granična vrijednost izloženosti) (ppm)	200 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m <sup>3</sup> )	1210 mg/m <sup>3</sup>
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	250 ppm
Czech Republic	Expoziční limity (PEL) (mg/m <sup>3</sup> )	950 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (mg/m <sup>3</sup> )	710 mg/m <sup>3</sup> (Butyl acetate, all isomers)
Denmark	Grænseværdie (langvarig) (ppm)	150 ppm (Butyl acetate, all isomers)
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	720 mg/m <sup>3</sup> (Butyl acetate)
Finland	HTP-arvo (8h) (ppm)	150 ppm (Butyl acetate)
Finland	HTP-arvo (15 min)	960 mg/m <sup>3</sup> (Butyl acetate)
Finland	HTP-arvo (15 min) (ppm)	200 ppm (Butyl acetate)
France	VME (mg/m <sup>3</sup> )	950 mg/m <sup>3</sup>
France	VME (ppm)	200 ppm
Germany	TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> )	96 mg/m <sup>3</sup> (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Germany	TRGS 900 Occupational exposure limit value (ppm)	20 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Greece	OEL TWA (mg/m <sup>3</sup> )	950 mg/m <sup>3</sup>
Greece	OEL TWA (ppm)	200 ppm
Greece	OEL STEL (mg/m <sup>3</sup> )	1190 mg/m <sup>3</sup>
Greece	OEL STEL (ppm)	250 ppm
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	950 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (ppm)	200 ppm
Ireland	OEL (15 min ref) (ppm)	600 ppm (calculated)
Latvia	OEL TWA (mg/m <sup>3</sup> )	200 mg/m <sup>3</sup>
Poland	NDS (mg/m <sup>3</sup> )	900 mg/m <sup>3</sup>
Poland	NDSCh (mg/m <sup>3</sup> )	900 mg/m <sup>3</sup>
Portugal	OEL TWA (ppm)	200 ppm
Slovakia	NPHV (priemerná) (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Slovakia	NPHV (priemerná) (ppm)	100 ppm
Slovakia	NPHV (Hraničná) (mg/m <sup>3</sup> )	384 mg/m <sup>3</sup>
Slovenia	OEL TWA (mg/m <sup>3</sup> )	96 mg/m <sup>3</sup>
Slovenia	OEL TWA (ppm)	20 ppm
Slovenia	OEL STEL (mg/m <sup>3</sup> )	96 mg/m <sup>3</sup>

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Slovenia	OEL STEL (ppm)	20 ppm
Spain	VLA-ED (mg/m <sup>3</sup> )	966 mg/m <sup>3</sup>
Spain	VLA-ED (ppm)	200 ppm
Sweden	nivågränsvärde (NVG) (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup> (Butyl acetates)
Sweden	nivågränsvärde (NVG) (ppm)	100 ppm (Butyl acetates)
Sweden	kortidsvärde (KTV) (mg/m <sup>3</sup> )	700 mg/m <sup>3</sup> (Butyl acetates)
Sweden	kortidsvärde (KTV) (ppm)	150 ppm (Butyl acetates)
Switzerland	KZGW (mg/m <sup>3</sup> )	480 mg/m <sup>3</sup>
Switzerland	KZGW (ppm)	100 ppm
Switzerland	MAK (mg/m <sup>3</sup> )	240 mg/m <sup>3</sup>
Switzerland	MAK (ppm)	50 ppm
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	966 mg/m <sup>3</sup>
United Kingdom	WEL TWA (ppm)	200 ppm
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	1210 mg/m <sup>3</sup>
United Kingdom	WEL STEL (ppm)	250 ppm

### 8.2. Exposure Controls

Appropriate Engineering Controls

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Gas detectors should be used when flammable gases/vapours may be released. Take precautionary measures against static discharges. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. 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. Wear fire/flamm resistant/retardant clothing.

Hand Protection

Wear chemically resistant protective gloves.

Eye Protection

Chemical safety goggles.

Skin and Body Protection

Wear suitable protective clothing.

Respiratory Protection

Use a NIOSH-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 Hazards

### 9.1. Information on Basic Physical and Chemical Properties

Physical State

Liquid

Appearance

White.

Odour

No data available

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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	98 °C (208 °F)
Flash Point	4,4 °C (40 °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	< 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 30 - 50 %

## SECTION 10: Stability and Reactivity

### 10.1. Reactivity

Reacts violently with (strong) oxidizers: (increased) risk of fire/explosion.

### 10.2. Chemical Stability

Highly flammable liquid and vapour.

### 10.3. Possibility Of Hazardous Reactions

Hazardous polymerization will not occur.

### 10.4. Conditions To Avoid

Direct sunlight. Extremely high or low temperatures. Ignition sources. Incompatible materials.

### 10.5. Incompatible Materials

Strong acids. Strong bases. Strong oxidizers.

### 10.6. Hazardous Decomposition Products

None expected under normal conditions of use.

## SECTION 11: Toxicological Information

### 11.1. Information On Toxicological Effects

Acute Toxicity Not classified

tert-Butyl acetate (540-88-5)	
LD50 Oral Rat	4500 mg/kg
LD50 Oral	3300 mg/kg
LD50 Dermal Rabbit	> 2000
LC50 Inhalation Rat	> 9482 mg/m <sup>3</sup> (Exposure time: 4 h)
LC50 Inhalation Rat	5157 ppm/4h



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tert-Butyl acetate (540-88-5)	
LC50 Inhalation Rat	13,3 mg/l/4h
Silanetriol, ethyl-, triacetate (17689-77-9)	
LD50 Oral Rat	1460 mg/kg
LD50 Oral	1462 mg/kg
Silanetriol, methyl-, triacetate (4253-34-3)	
LD50 Oral Rat	1437 - 1780 mg/kg
LD50 Oral	1602 mg/kg

Skin Corrosion/Irritation	Causes skin irritation.
Eye Damage/Irritation	Causes serious eye damage.
Respiratory or Skin Sensitization	Not classified
Germ Cell Mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive Toxicity	Not classified
Specific Target Organ Toxicity (Single Exposure)	May cause respiratory irritation.
Specific Target Organ Toxicity (Repeated Exposure)	Not classified
Aspiration Hazard	Not classified

## SECTION 12: Ecological Information

### 12.1. Toxicity

Ecology - General Not classified

tert-Butyl acetate (540-88-5)	
LC50 Fish 1	296 - 362 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])

### 12.2. Persistence and Degradability

MED-6655	
Persistence and Degradability	Not established.
Dibutyltin diacetate (1067-33-0)	
Persistence and Degradability	Not established.

### 12.3. Bioaccumulative Potential

MED-6655	
Bioaccumulative potential	Not established.
tert-Butyl acetate (540-88-5)	
Log Pow	1,38
Silanetriol, methyl-, triacetate (4253-34-3)	
Log Pow	0,25 KowWin

### 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.

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### SECTION 13: Disposal Considerations






#### 13.1. Waste Treatment Methods

Product/Packaging Disposal Recommendations	Dispose of waste material in accordance with all local, regional, national, and international regulations.
Additional Information	Handle empty containers with care because residual vapours are flammable.
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
<b>14.1. UN Number</b>				
1123	1123	1123	1123	1123
<b>14.2. UN Proper Shipping Name</b>				
BUTYL ACETATES	BUTYL ACETATES	BUTYL ACETATES	BUTYL ACETATES	BUTYL ACETATES
<b>14.3. Transport Hazard Class(Es)</b>				
3	3	3	3	3
				
<b>14.4. Packing Group</b>				
II	II	II	II	II
<b>14.5. Environmental Hazards</b>				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : 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

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### 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	13/05/2019
3	Composition/information on ingredients	Modified	13/05/2019

Date of Preparation or Latest Revision 13/05/2019

Revision

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

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Full Text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Corr. 1C	Skin corrosion/irritation, Category 1C
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
STOT SE 1	Specific target organ toxicity — Single exposure, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H370	Causes damage to organs.
H372	Causes damage to organs through prolonged or repeated exposure.

### 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

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 – Nevirsylinas Ribinis Dydis

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BCF - Bioconcentration Factor	NTP - National Toxicology Program
BEI - Biological Exposure Indices (BEI)	OEL - Occupational Exposure Limits
BOD - Biochemical Oxygen Demand	PBT - Persistent, Bioaccumulative and Toxic
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, Authorisation, and Restriction of Chemicals
EC - European Community	RID - Regulations Concerning the International Carriage of Dangerous Goods by Rail
EC50 - Median Effective Concentration	SADT - Self Accelerating Decomposition Temperature
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 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 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 Gefahrstoffe 510 - Lagerung von 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 - Arbeitsplatzgrenzwerte
IOELV - Indicative Occupational Exposure Limit Value	TRGS 903 - Technische Regel für Gefahrstoffe 903 - Biologische Grenzwerte
LC50 - Median Lethal Concentration	TSCA - Toxic Substances Control Act
LD50 - Median Lethal Dose	TWA - Time Weighted Average
LOAEL - Lowest Observed Adverse Effect Level	VOC - Volatile Organic Compounds
LOEC - Lowest-Observed-Effect Concentration	VLA-EC - Valor Límite Ambiental Exposición de Corta Duración
Log Koc - Soil Organic Carbon-water Partitioning Coefficient	VLA-ED - Valor Límite Ambiental Exposición Diaria
Log Kow - Octanol/water Partition Coefficient	VLE - Valeur Limite D'exposition
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	VME - Valeur Limite De Moyenne Exposition
MAK - Maximum Workplace Concentration/Maximum Permissible Concentration	vPvB - Very Persistent and Very Bioaccumulative
MARPOL - International Convention for the Prevention of Pollution	WEL - Workplace Exposure Limit
	WGK - Wassergefährdungsklasse

Nusil EU GHS SDS

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