

Safety Data Sheet

according to Regulation (EC) No 1907/2006

SilOil, M60.115/200.05

Revision date: 21.07.2023

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

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Substance name: Polydimethylsiloxan
CAS No: 63148-62-9

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Heat transfer oil

Uses advised against

Any non-intended use.

1.3. Details of the supplier of the safety data sheet

Company name: Peter Huber Kältemaschinenbau SE
Street: Werner-von-Siemens-Strasse 1
Place: D-77656 Offenburg
Telephone: +49 (0) 781 9603-0 Telefax: +49 (0) 781 57211
E-mail: info@huber-online.com
Internet: www.huber-online.com
Responsible Department: info@huber-online.com

1.4. Emergency telephone number:

Poison Information Center Mainz, Germany, Tel: +49(0)6131/19240

Further Information

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No 2020/878)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements**Regulation (EC) No 1272/2008****Hazard statements**

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P501 Dispose of contents/container to local/regional/national/international regulations.

2.3. Other hazards

The mixture contains the following substances fulfilling the PBT criteria according to REACH, annex XIII: octamethylcyclotetrasiloxane; [D4].

The mixture contains the following substances fulfilling the vPvB criteria according to REACH, annex XIII: Dodecamethylcyclohexasiloxane; octamethylcyclotetrasiloxane; [D4].

Endocrine disrupting properties: Dodecamethylcyclohexasiloxane; octamethylcyclotetrasiloxane; [D4].

SECTION 3: Composition/information on ingredients**3.1. Substances****Chemical characterization**

Polydimethylsiloxane

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Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
63148-62-9	Polydimethylsiloxan			> 95 %
540-97-6	Dodecamethylcyclohexasiloxane			< 1 %
	208-762-8		01-2119517435-42-XXXX	
556-67-2	octamethylcyclotetrasiloxane; [D4]			< 0,25 %
	209-136-7	014-018-00-1	01-2119529238-36-XXXX	
	Flam. Liq. 3, Repr. 2, Aquatic Chronic 1; H226 H361f H410			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
540-97-6	208-762-8	Dodecamethylcyclohexasiloxane	< 1 %
	dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg		
556-67-2	209-136-7	octamethylcyclotetrasiloxane; [D4]	< 0,25 %
	dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 4800 mg/kg Aquatic Chronic 1; H410: M=10		

Further Information

: Dodecamethylcyclohexasiloxane, Octamethylcyclotetrasiloxane

SECTION 4: First aid measures
4.1. Description of first aid measures
General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of respiratory tract irritation, consult a physician.

After contact with skin

Gently wash with plenty of soap and water. Remove contaminated clothing immediately. In case of skin irritation consult a doctor.

After contact with eyes

Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. In all cases of doubt, or when symptoms persist, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

See sections 2 and 11

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

Treat symptomatically.

SECTION 5: Firefighting measures
5.1. Extinguishing media

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Suitable extinguishing media

Carbon dioxide (CO₂). Dry extinguishing powder. Alcohol resistant foam. Atomized water. Sand

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide (CO). Carbon dioxide (CO₂). Formaldehyde.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Wear chemical resistant suit.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Safe handling: see section 7

For non-emergency personnel

Wear personal protection equipment (refer to section 8).

For emergency responders

No special measures are necessary.

6.2. Environmental precautions

Discharge into the environment must be avoided. Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3. Methods and material for containment and cleaning up

For containment

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Treat the recovered material as prescribed in the section on waste disposal.

For cleaning up

Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Wear suitable protective clothing. See section 8.

Advice on protection against fire and explosion

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Usual measures for fire prevention.

Advice on general occupational hygiene

Always close containers tightly after the removal of product. When using do not eat, drink or smoke. Wash hands before breaks and after work. Avoid contact with skin, eyes and clothes. Take off immediately all contaminated clothing.

Further information on handling

General protection and hygiene measures: See section 8. Vapours / aerosols must be extracted by suction immediately at point of origin.

7.2. Conditions for safe storage, including any incompatibilities

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Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Store only in original container.

Hints on joint storage

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

Recommended storage temperature: 20 °C

Maximum storage temperature: 50 °C

Protect against: frost. UV-radiation/sunlight. heat. Humidity

7.3. Specific end use(s)

See section 1.

SECTION 8: Exposure controls/personal protection
8.1. Control parameters
DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
540-97-6	Dodecamethylcyclohexasiloxane			
Worker DNEL, long-term		inhalation	local	1,22 mg/m ³
Worker DNEL, acute		inhalation	local	6,1 mg/m ³
Consumer DNEL, long-term		inhalation	local	0,3 mg/m ³
Consumer DNEL, acute		inhalation	local	1,5 mg/m ³
556-67-2	octamethylcyclotetrasiloxane; [D4]			
Worker DNEL, long-term		inhalation	systemic	73 mg/m ³
Worker DNEL, long-term		inhalation	local	73 mg/m ³
Consumer DNEL, long-term		inhalation	systemic	13 mg/m ³
Consumer DNEL, long-term		inhalation	local	13 mg/m ³
Consumer DNEL, long-term		oral	systemic	3,7 mg/kg bw/day

PNEC values

CAS No	Substance	Value
540-97-6	Dodecamethylcyclohexasiloxane	
Freshwater sediment		13,5 mg/kg
Marine sediment		1,35 mg/kg
Secondary poisoning		66,7 mg/kg
556-67-2	octamethylcyclotetrasiloxane; [D4]	
Freshwater		0,0015 mg/l
Marine water		0,00015 mg/l
Freshwater sediment		3 mg/kg
Marine sediment		0,3 mg/kg
Secondary poisoning		41 mg/kg
Micro-organisms in sewage treatment plants (STP)		10 mg/l
Soil		0,54 mg/kg

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Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls**Appropriate engineering controls**

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Provide adequate ventilation.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Wear safety glasses; chemical goggles (if splashing is possible). EN 166

Hand protection

In case of prolonged or frequently repeated skin contact:

Wear suitable gloves.

Suitable material:

FKM (fluororubber). - Thickness of glove material: 0,4 mm

Breakthrough time \geq 8 h

Butyl rubber. - Thickness of glove material: 0,5 mm

Breakthrough time \geq 8 h

CR (polychloroprenes, Chloroprene rubber). - Thickness of glove material: 0,5 mm

Breakthrough time \geq 8 h

NBR (Nitrile rubber). - Thickness of glove material: 0,35 mm

Breakthrough time \geq 8 h

PVC (Polyvinyl chloride). - Thickness of glove material: 0,5 mm

Breakthrough time \geq 8 h

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

The selected protective gloves have to satisfy the specifications of EU Directive EC/2016/425 and the standard EN 374 derived from it.

Check leak tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Skin protection

Suitable protective clothing: Lab apron.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required. Breathing apparatus in the event of aerosol or mist formation. half-mask with filter (DIN EN 149).

Environmental exposure controls

Do not allow uncontrolled discharge of product into the environment.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	liquid	
Colour:	colourless	
Odour:	weak	
Odour threshold:	not determined	
Melting point/freezing point:		not determined
Boiling point or initial boiling point and boiling range:		not applicable
Flammability:	This material is combustible, but will not ignite readily.	
Lower explosion limits:		not determined
Upper explosion limits:		not determined

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Flash point:	> 120 °C
Auto-ignition temperature:	350 °C
Decomposition temperature:	not determined
pH-Value:	not applicable
Viscosity / kinematic: (at 25 °C)	ca. 5 mm ² /s
Water solubility:	Immiscible
Solubility in other solvents	
not determined	
Dissolution rate:	not relevant
Partition coefficient n-octanol/water:	not relevant
Dispersion stability:	not relevant
Vapour pressure:	not determined
Density (at 25 °C):	0,92 g/cm ³
Bulk density:	not determined
Relative vapour density:	not relevant
Particle characteristics:	not relevant

9.2. Other information**Information with regard to physical hazard classes**

Explosive properties	
none	
Sustaining combustion:	Not sustaining combustion
Self-ignition temperature	
Gas:	not determined
Oxidizing properties	
none	

Other safety characteristics

Evaporation rate:	not determined
Solvent separation test:	not determined
Solvent content:	not determined
Solid content:	not determined
Sublimation point:	not determined
Softening point:	not determined
Pour point:	not determined
Viscosity / dynamic:	not determined
Flow time:	not determined

Further Information

No information available.

SECTION 10: Stability and reactivity**10.1. Reactivity**

No information available.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

Refer to chapter 10.5.

10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges.

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10.5. Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

10.6. Hazardous decomposition products

 Can be released in case of fire: Silicon dioxide (SiO₂)

SECTION 11: Toxicological information
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
Toxicokinetics, metabolism and distribution

No data available.

Acute toxicity

Based on available data, the classification criteria are not met.

Acute oral toxicity

: LD50

: dermal

: Rat

Effective dose: > 5000 mg/kg

By analogy.

Acute dermal toxicity

: LD50

: oral

: Rat

Effective dose: > 2000 mg/kg

By analogy.

Acute inhalation toxicity

The product has not been tested.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
540-97-6	Dodecamethylcyclohexasiloxane				
	oral	LD50 > 2000 mg/kg	Rat	Other company data (1999)	OECD Guideline 423
	dermal	LD50 > 2000 mg/kg	Rat	Other company data (1999)	OECD Guideline 402
556-67-2	octamethylcyclotetrasiloxane; [D4]				
	oral	LD50 > 4800 mg/kg	Rat	ECHA Dossier	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rat	ECHA Dossier	OECD Guideline 402

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

Octamethylcyclotetrasiloxane

In-vitro mutagenicity:

Method:

-OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)

-OECD Guideline 471 (Bacterial Reverse Mutation Assay)

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-OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

Result: negative.

Literature information: REACH Dossier

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Octamethylcyclotetrasiloxane

Chronic inhalative toxicity:

Method: other guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)

Exposure time: 2 years

Species: Rat

Results: NOAEC = 150 ppm.

Literature information: REACH Dossier

Aspiration hazard

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

No data available.

11.2. Information on other hazards
Endocrine disrupting properties

Endocrine disrupting properties: Dodecamethylcyclohexasiloxane; octamethylcyclotetrasiloxane; [D4].

No data available.

Other information

No data available.

SECTION 12: Ecological information
12.1. Toxicity

The product has not been tested.

CAS No	Chemical name						
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method	
540-97-6	Dodecamethylcyclohexasiloxane						
	Acute algae toxicity	ErC50 mg/l	> 0,002	72 h	Raphidocelis subcapitata	REACH Registration Dossier	OECD Guideline 201
	Fish toxicity	NOEC mg/l	>= 0,014	90 d	Oncorhynchus mykiss	REACH Registration Dossier	OECD Guideline 210
	Crustacea toxicity	NOEC mg/l	>= 0,0046	21 d	Daphnia magna	REACH Registration Dossier	OECD Guideline 211
	Acute bacteria toxicity	(EC50 mg/l)	> 100	3 h	Activated sludge	REACH Registration Dossier	OECD Guideline 209
556-67-2	octamethylcyclotetrasiloxane; [D4]						
	Acute fish toxicity	LC50 mg/l	>0,022	96 h	Oncorhynchus mykiss	ECHA Dossier	
	Acute algae toxicity	ErC50 mg/l	> 0,022	96 h	Pseudokirchneriella subcapitata	ECHA Dossier	EPA OTS 797.1050
	Acute crustacea toxicity	EC50 mg/l	> 0,015	48 h	Daphnia magna	Env. Toxicol. & Chemistry 14, 1639-1647	EPA OTS 797.1300

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	Fish toxicity	NOEC >= 0,0044 mg/l	93 d	Oncorhynchus mykiss	Env. Toxicol. & Chemistry 14, 1639-1647	other: 40 CFR 797.1600
	Crustacea toxicity	NOEC >= 0,015 mg/l	21 d	Daphnia magna	Env. Toxicol. & Chemistry 14, 1639-1647	EPA OTS 797.1330
	Acute bacteria toxicity	(EC50 >10000 mg/l)	0 h			

12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
540-97-6	Dodecamethylcyclhexasiloxane			
	OECD 310	4,47	28	ECHA Dossier
	Not easily bio-degradable (according to OECD-criteria).			
556-67-2	octamethylcyclotetrasiloxane; [D4]			
	OECD Guideline 310	3,7	28	ECHA Dossier
	Not readily biodegradable (according to OECD criteria)			

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
540-97-6	Dodecamethylcyclhexasiloxane	8,87
556-67-2	octamethylcyclotetrasiloxane; [D4]	6,488

BCF

CAS No	Chemical name	BCF	Species	Source
540-97-6	Dodecamethylcyclhexasiloxane	1160	Pimephales promelas	Study report (2005)
556-67-2	octamethylcyclotetrasiloxane; [D4]	12400	Pimephales promelas	ECHA Dossier

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The mixture contains the following substances fulfilling the PBT criteria according to REACH, annex XIII: octamethylcyclotetrasiloxane; [D4].

The mixture contains the following substances fulfilling the vPvB criteria according to REACH, annex XIII: Dodecamethylcyclhexasiloxane; octamethylcyclotetrasiloxane; [D4].

The aforementioned statement applies to substances contained in the product with a minimum content of 0.1%.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

The aforementioned statement applies to substances contained in the product with a minimum content of 0.1%.

12.7. Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains.

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SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal.

Non-contaminated packages may be recycled.

According to (EWC) European Waste Catalogue, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Control report for waste code/ waste marking according to (EWC) European Waste Catalogue:

List of Wastes Code - residues/unused products

070216 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; waste containing hazardous silicones; hazardous waste

List of Wastes Code - used product

070216 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; waste containing hazardous silicones; hazardous waste

List of Wastes Code - contaminated packaging

150106 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); mixed packaging

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Hazard label: -

Classification code: -

Marine transport (IMDG)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

refer to chapter 6 - 8

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14.7. Maritime transport in bulk according to IMO instruments

not relevant

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Authorisations (REACH, annex XIV):

Substances of very high concern, SVHC (REACH, article 59):

Dodecamethylcyclhexasiloxane; octamethylcyclotetrasiloxane; [D4]

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 70

2010/75/EU (VOC): not determined

2004/42/EC (VOC): not determined

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information

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The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

REACH 1907/2006 Appendix XVII, No (mixture): 3, 70

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

Dodecamethylcyclhexasiloxane

octamethylcyclotetrasiloxane; [D4]

SECTION 16: Other information**Changes**

Rev. 1,0; Initial release: 25.09.2020

Rev. 2,0; 28.07.2022, Changes in chapter: 2-16

Rev. 3,0; 21.07.2023, Revision

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

CAS: Chemical Abstracts Service

CLP: Classification, Labelling and Packaging of substances and mixtures

DNEL: Derived No Effect Level

d: day(s)

EINECS: European INventory of Existing Commercial chemical Substances

ELINCS: European List of Notified Chemical Substances

ECHA: European Chemicals Agency

EWC: European Waste Catalogue

IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

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h: hour

LOAEL: Lowest observed adverse effect level

LOAEC: Lowest observed adverse effect concentration

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NOAEL: No observed adverse effect level

NOAEC: No observed adverse effect concentration

NLP: No-Longer Polymers

N/A: not applicable

OECD: Organisation for Economic Co-operation and Development

PNEC: predicted no effect concentration

PBT: Persistent bioaccumulative toxic

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

REACH: Registration, Evaluation, Authorisation of Chemicals

SVHC: substance of very high concern

TRGS: Technische Regeln für Gefahrstoffe

UN: United Nations

VOC: Volatile Organic Compounds

WGK: Water Hazard Class (Germany)

Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H361f	Suspected of damaging fertility.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.