

# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008



Revision date: 25-Oct-2021

Revision Number: 1

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

### 1.1. Product identifier

**Product Name:** Kluthe Silikonentferner

Article number: 061620330000

UFI: 41RG-QRDC-UJ0W-C0NV

Hazard components for labeling:

Contains hydrocarbons, C9 - 10, n.alcanes, i-alcanes, cyclics, < 2% aromates, Propylene glycol monomethyl ether acetate

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

Product categories [PC]: PC9a - Coatings and paints, thinners, paint removers  
PC 0.56 - Solvent

### 1.3. Details of the supplier of the safety data sheet

Supplier: conti coatings GmbH & Co. KG  
Feldstrasse 55  
D - 46149 Oberhausen  
Telefon: +49 208/ 9948-0  
Telefax: +49 208/ 650625  
www.conticoatings.com

E-mail address: sds.ob@conticoatings.com

### 1.4. Emergency telephone number

Emergency Telephone: +49 177 / 214 4737 (24 h)

<b>Emergency Telephone - §45 - (EC)1272/2008</b>	
Europe	112
Austria	+43 1 406 43 43 (Giftinformationszentrale)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Flammable liquids	Category 3 - (H226)
Aspiration hazard	Category 1 - (H304)
Specific target organ toxicity (single exposure)	Category 3 - (H336)
Chronic aquatic toxicity	Category 3 - (H412)

### 2.2. Label elements



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**Signal word: Danger**

## Hazard components for labeling:

Contains hydrocarbons, C9 - 10, n.alkanes, i-alkanes, cyclics, < 2% aromates, Propylene glycol monomethyl ether acetate

## Hazard statements:

H226 - Flammable liquid and vapor.

H304 - May be fatal if swallowed and enters airways.

H336 - May cause drowsiness or dizziness.

H412 - Harmful to aquatic life with long lasting effects.

## EU Specific Hazard Statements:

EUH066 - Repeated exposure may cause skin dryness or cracking.

## Precautionary Statements - EU (§28, 1272/2008):

P101 - If medical advice is needed, have product container or label at hand

P102 - Keep out of reach of children

P271 - Use only outdoors or in a well-ventilated area

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor

P331 - Do NOT induce vomiting

P405 - Store locked up

P501 - Dispose of contents/ container to an approved waste disposal plant

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P370 + P378 - In case of fire: Use dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam to extinguish

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

## Additional information

This product requires child resistant fastenings when supplied to the general public unless the product is placed on the market in the form of aerosols or in a container with a sealed spray attachment.

## 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

organic solvents

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Chemical name	CAS No	EC No	REACH registration number	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Weight-%
hydrocarbons, C9 - 10, n.alkanes, i-alkanes, cyclics, < 2% aromates	-	927-241-2	01-2119471843-32	Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) STOT SE 3 (H336) Aquatic Chronic 3 (H412) (EUH066)	75 - < 100
Propylene glycol monomethyl ether acetate	108-65-6	203-603-9	01-2119475791-29	Flam. Liq. 3 (H226) STOT SE 3 (H336)	10 - < 25

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## Acute Toxicity Estimate:

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATE<sub>mix</sub>) for classifying a mixture based on its components

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapor - mg/L	Inhalation LC50 - 4 hour - gas - ppm
hydrocarbons, C9 - 10, n.alkanes, i-alkanes, cyclics, < 2% aromates -	2001	2001	No data available	No data available	No data available
Propylene glycol monomethyl ether acetate 108-65-6	8532	5005	No data available	No data available	No data available

Full text of H- and EUH-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General advice:	Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.
Inhalation:	Remove to fresh air. Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Get immediate medical advice/attention. Delayed pulmonary edema may occur.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.
Skin contact:	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Ingestion:	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Get immediate medical advice/attention.
Self-protection of the first aider:	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.

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

Symptoms:	Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
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## 4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians: Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable Extinguishing Media: Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol resistant foam.

Large Fire: CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media: Do not scatter spilled material with high pressure water streams.

### 5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical: Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

### 5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters: Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

Other information: Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

For emergency responders: Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

Environmental precautions: Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

### 6.3. Methods and material for containment and cleaning up

Methods for containment: Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

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Methods for cleaning up: Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

Prevention of secondary hazards: Clean contaminated objects and areas thoroughly observing environmental regulations.

## 6.4. Reference to other sections

Reference to other sections: See section 8 for more information. See section 13 for more information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling



Advice on safe handling: Use personal protection equipment. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. In case of insufficient ventilation, wear suitable respiratory equipment.

General hygiene considerations: Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children. Store away from other materials.

### 7.3. Specific end use(s)

Other information: No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Exposure Limits:

Chemical name	European Union	Germany	Netherlands	Spain	United Kingdom	Hungary
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Chemical name	European Union	Germany	Netherlands	Spain	United Kingdom	Hungary
Propylene glycol monomethyl ether acetate 108-65-6	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> *	TWA: 50 ppm TWA: 270 mg/m <sup>3</sup>	TWA: 550 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> vía dérmica*	TWA: 50 ppm TWA: 274 mg/m <sup>3</sup> STEL: 100 ppm STEL: 548 mg/m <sup>3</sup> Sk*	TWA: 275 mg/m <sup>3</sup> STEL: 550 mg/m <sup>3</sup>

Chemical name	France	Italy	Portugal	Finland	Denmark	Czech Republic
Propylene glycol monomethyl ether acetate 108-65-6	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> *	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> cute*	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> Cutânea*	TWA: 50 ppm TWA: 270 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> iho*	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> H*	TWA: 270 mg/m <sup>3</sup> Ceiling: 550 mg/m <sup>3</sup> D*

Chemical name	Austria	Switzerland	Poland	Norway	Ireland	Russia
Propylene glycol monomethyl ether acetate 108-65-6	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL 100 ppm STEL 550 mg/m <sup>3</sup> H*	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 50 ppm STEL: 275 mg/m <sup>3</sup>	STEL: 520 mg/m <sup>3</sup> TWA: 260 mg/m <sup>3</sup> skóra*	TWA: 50 ppm TWA: 270 mg/m <sup>3</sup> STEL: 75 ppm STEL: 337.5 mg/m <sup>3</sup> H*	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> Sk*	MAC: 10 mg/m <sup>3</sup>

Biological occupational exposure limits:

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

Derived No Effect Level (DNEL):

component information:

Worker - inhalative:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
hydrocarbons, C9 - 10, n.alkanes, i-alkanes, cyclics, < 2% aromates	871 mg/m <sup>3</sup>			
Propylene glycol monomethyl ether acetate	275 mg/m <sup>3</sup>			550 mg/m <sup>3</sup>

Worker - dermal:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
hydrocarbons, C9 - 10, n.alkanes, i-alkanes, cyclics, < 2% aromates	77 mg/kg bw/day			
Propylene glycol monomethyl ether acetate	796 mg/kg bw/day			

Consumer - inhalative:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
hydrocarbons, C9 - 10, n.alkanes, i-alkanes, cyclics, < 2% aromates	185 mg/m <sup>3</sup>			
Propylene glycol monomethyl ether acetate	33 mg/m <sup>3</sup>		33 mg/m <sup>3</sup>	

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Consumer - dermal:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
hydrocarbons, C9 - 10, n.alkanes, i-alkanes, cyclics, < 2% aromates	46 mg/kg bw/day			
Propylene glycol monomethyl ether acetate	320 mg/kg bw/day			

consumer - oral:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
hydrocarbons, C9 - 10, n.alkanes, i-alkanes, cyclics, < 2% aromates	46 mg/kg bw/day			
Propylene glycol monomethyl ether acetate	36 mg/kg bw/day			

Predicted No Effect Concentration (PNEC):

component information:

Chemical name	Propylene glycol monomethyl ether acetate
Freshwater	0.635 mg/L
Marine water	0.0635 mg/L
Intermittent release	6.35 mg/L
Impact on Sewage Treatment	100 mg/L
Freshwater sediment	3.29 mg/kg
Marine sediment	0.329 mg/kg
Soil	0.29 mg/kg

## 8.2. Exposure controls

Engineering controls: Showers, eyewash stations, and ventilation systems.

Personal protective equipment:



Eye/face protection: Tight sealing safety goggles.

Hand protection: Wear suitable gloves. Impervious gloves.

PPE - Glove material	Glove thickness	Break through time
Silver Shield/4H	0.07 mm	>=480 min.

Skin and body protection: Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

Respiratory protection: No protective equipment is needed under normal use conditions. If exposure limits are

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exceeded or irritation is experienced, ventilation and evacuation may be required.

Recommended Filter Type: Filtering device (full mask or mouthpiec A

Environmental exposure controls: No information available.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance	Liquid				
Color	colorless				
Odor	characteristic				
				<i>Conditions</i>	<i>Method</i>
Melting point / melting range					<i>Remarks</i>
Boiling point / boiling range	>	137 - 165	°C		Not established
Flammability					Not established
Decomposition temperature					not relevant
Flash point	>	29	°C		
Autoignition temperature		240	°C		
Lower explosive limit		0.6	Vol%		
Upper explosion limit		7	Vol%		
Vapor pressure					Not established
Density	~	0.767	g/cm <sup>3</sup>	20 °C	
Water solubility		35	g/L		partially miscible
pH					Not applicable
pH (as aqueous solution)					Not applicable
Partition coefficient					Not established
Kinematic viscosity	<	20.5	mm <sup>2</sup> /s	40 °C	
Odor threshold					Not established
Relative density					Not established
Evaporation rate					Not established
Relative vapor density		no data available			
Particle Size		no data available			
Particle Size Distribution		no data available			

### 9.2. Other information

Bulk density:	no data available
Softening point	No information available
Molecular weight	No information available

#### 9.2.1. Information with regard to physical hazard classes:

Explosive properties	No data available
Oxidizing properties	No data available

#### 9.2.2. Other safety characteristics: No information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity



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Reactivity: No information available.

## 10.2. Chemical stability

Stability: Stable under normal conditions.

Explosion data:

Sensitivity to mechanical impact: None.

Sensitivity to static discharge: Yes.

## 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions: None under normal processing.

## 10.4. Conditions to avoid

Conditions to avoid: Heat, flames and sparks.

## 10.5. Incompatible materials

Incompatible materials: None known based on information supplied.

## 10.6. Hazardous decomposition products

Hazardous decomposition products: None known based on information supplied.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Information on likely routes of exposure:

Product Information:

Inhalation: Specific test data for the substance or mixture is not available. Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract. May cause drowsiness or dizziness.

Eye contact: Specific test data for the substance or mixture is not available. May cause irritation.

Skin contact: Repeated exposure may cause skin dryness or cracking.

Ingestion: Specific test data for the substance or mixture is not available. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways.

Symptoms related to the physical, chemical and toxicological characteristics:

Symptoms: Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Numerical measures of toxicity:

Acute toxicity: The following values are calculated based on chapter 3.1 of the GHS document

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ATEmix (oral): 2,223.30 mg/kg  
ATEmix (dermal): 2,223.30 mg/kg

Component Information:

Chemical name	Parameter	Species	effektive Dosis	Method
hydrocarbons, C9 - 10, n.alcanes, i-alcanes, cyclics, < 2% aromates -	Oral LD50	Rat	> 5000 mg/kg	OECD 401
Propylene glycol monomethyl ether acetate 108-65-6	Oral LD50	Rat	> 2000 mg/kg	OECD 401

Chemical name	Parameters	Species	Effective dose	Method
hydrocarbons, C9 - 10, n.alcanes, i-alcanes, cyclics, < 2% aromates -	Dermal LD50	Rabbit	> 2000 mg/kg	OECD 402
Propylene glycol monomethyl ether acetate 108-65-6	Dermal LD50	Rabbit	> 5000 mg/kg	OECD 402

Chemical name	Parameters	Species	Effective dose	Exposure time	Method
hydrocarbons, C9 - 10, n.alcanes, i-alcanes, cyclics, < 2% aromates -	Inhalation LC50	Rat	> 5000 mg/m <sup>3</sup>	8 h	OECD 403

Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Skin corrosion/irritation: No information available.  
Serious eye damage/eye irritation: No information available.  
Respiratory or skin sensitization: No information available.  
Germ cell mutagenicity: No information available.  
Carcinogenicity: No information available.  
Reproductive toxicity: No information available.  
STOT - single exposure: May cause drowsiness or dizziness.  
STOT - repeated exposure: No information available.  
Aspiration hazard: May be fatal if swallowed and enters airways.

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

No information available.

### 11.2.2. Other information

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No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecotoxicity: Harmful to aquatic life with long lasting effects.

fish toxicity:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
hydrocarbons, C9 - 10, n.alkanes, i-alkanes, cyclics, < 2% aromates -	LL50	Oncorhynchus mykiss	10 - 30 mg/L	96 h	
Propylene glycol monomethyl ether acetate 108-65-6	LC50	Pimephales promelas	161 mg/L	96 h	

toxicity to crustacea:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
hydrocarbons, C9 - 10, n.alkanes, i-alkanes, cyclics, < 2% aromates -	EL50	Daphnia magna	22 - 46 mg/L	48 h	
Propylene glycol monomethyl ether acetate 108-65-6	EC50	Daphnia magna	> 500 mg/L	48 h	

Algae Toxicity:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
hydrocarbons, C9 - 10, n.alkanes, i-alkanes, cyclics, < 2% aromates -	EL50	Pseudokirchneriella subcapitata	> 1000 mg/L	72 h	
Propylene glycol monomethyl ether acetate 108-65-6	EC50	Selenastrum capricornutum	> 1000 mg/L	72 h	OECD 201

Bacteria toxicity:

Chemical name	Parameters	Species	Effective dose	Exposure time	Method
Propylene glycol monomethyl ether acetate 108-65-6	EC10	activated sludge	> 1000 mg/L	0.5 h	

### 12.2. Persistence and degradability

Persistence and degradability:

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Chemical name	degradation rate	test duration	Rapidly biodegradable	Remarks	Method
hydrocarbons, C9 - 10, n.alcanes, i-alcanes, cyclics, < 2% aromates -	89 %	28 d	Yes		
Propylene glycol monomethyl ether acetate 108-65-6	83 %	28 d	Yes	Aerobic biological treatment	OECD 301 F

## 12.3. Bioaccumulative potential

Bioaccumulation:

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
hydrocarbons, C9 - 10, n.alcanes, i-alcanes, cyclics, < 2% aromates -	> 4	
Propylene glycol monomethyl ether acetate 108-65-6	0.43	< 100

## 12.4. Mobility in soil

Mobility in soil: No information available.

Mobility: No information available.

## 12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment:

Chemical name	PBT and vPvB assessment
Propylene glycol monomethyl ether acetate 108-65-6	The substance is not PBT / vPvB

## 12.6. Endocrine disrupting properties.

No information available.

## 12.7. Other adverse effects.

No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste from residues/unused products: Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging: Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

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Waste codes / waste designations according to EWC / AVV: 07 01 04\* (other organic solvents, washing liquids and mother liquors)

## SECTION 14: Transport information

### 14.1. UN number

ADR:	UN1993
RID:	UN1993
IMDG:	UN1993
IATA:	UN1993

### 14.2 UN proper shipping name

ADR:	FLAMMABLE LIQUID, N.O.S. UN1993, FLAMMABLE LIQUID, N.O.S. (hydrocarbons, C9 - 10, n.alkanes, i-alkanes, cyclics, < 2% aromates, Propylene glycol monomethyl ether acetate), 3, III
RID:	FLAMMABLE LIQUID, N.O.S. UN1993, FLAMMABLE LIQUID, N.O.S. (hydrocarbons, C9 - 10, n.alkanes, i-alkanes, cyclics, < 2% aromates, Propylene glycol monomethyl ether acetate), 3, III
IMDG:	FLAMMABLE LIQUID, N.O.S. UN1993, FLAMMABLE LIQUID, N.O.S. (HYDROCARBONS, C9 - 10, N.ALKANES, I-ALKANES, CYCLICS, < 2% AROMATES, PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE), 3, III, (29°C C.C.)
IATA:	FLAMMABLE LIQUID, N.O.S. UN1993, FLAMMABLE LIQUID, N.O.S. (HYDROCARBONS, C9 - 10, N.ALKANES, I-ALKANES, CYCLICS, < 2% AROMATES, PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE), 3, III

### 14.3. Transport hazard class(es)

ADR:	3
Hazard label(s)	3
Classification code	F1
Hazard identification number (Kemler No.)	30
Tunnel restriction code	(D/E)
Limited quantity (LQ)	5 L
Excepted quantity	E1
RID:	3
Labels	3
Classification code	F1
IMDG:	3
Hazard label(s)	3
Limited quantity (LQ)	5 L
Excepted quantity	E1
EmS-No	F-E, S-E
IATA:	3
Hazard label(s)	3
Excepted quantity	E1

### 14.4. Packing group

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ADR: III  
RID: III  
IMDG: III  
IATA: III

## 14.5. Environmental hazards

ADR: No  
RID: No  
IMDG: no marine pollutant  
IATA: No

## 14.6. Special precautions for user

ADR:  
Special Provisions: 274, 601  
RID:  
Special Provisions: 274, 601  
IMDG:  
Special Provisions: 223, 274, 955  
IATA:  
Special Provisions: A3  
ERG Code 3L

## 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

No information available

## SECTION 15: Regulatory information

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

#### European Union:

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorizations and/or restrictions on use:

- This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)
- This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical name	Substance subject to authorization per REACH Annex XIV	Restricted substance per REACH Annex XVII
hydrocarbons, C9 - 10, n.alcanes, i-alcanes, cyclics, < 2% aromates		28. 29.
-		

Persistent Organic Pollutants: Not applicable

Dangerous substance category per Seveso Directive (2012/18/EU):

P5a - FLAMMABLE LIQUIDS  
P5b - FLAMMABLE LIQUIDS  
P5c - FLAMMABLE LIQUIDS

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Ozone-depleting substances (ODS) regulation (EC) 1005/2009: Not applicable

volatile organic compounds (VOC) content:  
acc. reg. 2010/75/EG: 100 %  
acc. reg. 2004/42/EG (Decopaint): 100 %

## National regulations:

Denmark:

Chemical name	Denmark - MAL
Propylene glycol monomethyl ether acetate 108-65-6	19 m3/10 g substance MAL factor >0 % by weight [1]

Germany:

Water hazard class (WGK): slightly hazardous to water (WGK 1) - Classification according to AwSV

Chemical name	WGK Classification (AwSV)	ID number
hydrocarbons, C9 - 10, n.alkanes, i-alkanes, cyclics, < 2% aromates -	1	-
Propylene glycol monomethyl ether acetate 108-65-6	1	5033

TA Luft (German Air Pollution Control Regulation):  
org. substances (Ziffer 5.2.5): 95 - 100%

Storage class (TRGS 510): 3 • LGK3 - Flammable liquids

France:

Occupational Illnesses (R-463-3, France):

Chemical name	French RG number
hydrocarbons, C9 - 10, n.alkanes, i-alkanes, cyclics, < 2% aromates -	RG 84
Propylene glycol monomethyl ether acetate 108-65-6	RG 84

RG 84 - Occupational conditions caused by liquid organic solvents

Austria:

Flammable Liquids Regulations, VbF: Flammable liquids: All

Switzerland:

VOC content:: acc. VOCV CH 814.018, att. 1: 100 %

## International Inventories:

TSCA Does not comply  
DSL/NDSL Does not comply

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EINECS/ELINCS	Complies
ENCS	Does not comply
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

## Legend:

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AICS** - Australian Inventory of Chemical Substances

## 15.2. Chemical safety assessment

Chemical Safety Report: No information available

## SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet:

Full text of H-Statements referred to under section 3:

- EUH066 - Repeated exposure may cause skin dryness or cracking
- H226 - Flammable liquid and vapor
- H304 - May be fatal if swallowed and enters airways
- H336 - May cause drowsiness or dizziness
- H412 - Harmful to aquatic life with long lasting effects

Legend:

- ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
- ADR: European agreement concerning the international carriage of dangerous goods by road (Accord européen relatif transport des marchandises dangereuses par route)
- AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany)
- BCF: Bio-Concentration Factor
- BOD(5): Biochemical oxygen demand (within 5 days)
- CAS: Chemical Abstract Service
- CLP: Classification, Labelling and Packaging
- CMR: Carcinogenic, Mutagenic, toxic for Reproduction
- DIN: German Standards Institute / German industrial norm
- DNEL: Derived No Effect Level
- DOC: Dissolved organic carbon
- EAK/ AVV: European waste catalogue/ waste directory-regulation
- EC50: Effective Concentration 50%
- ECHA: European Chemical Agency
- EINECS: European Inventory of Existing Commercial Chemical Substances
- GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
- IATA: International Air Transport Association
- IC50: Inhibition Concentration 50%
- IMDG: International Maritime Dangerous Goods Code



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LC50: Lethal Concentration 50% - LD50: Lethal dose 50%  
MAK: Treshold limit values Germany  
NLP: No Longer Polymers  
NOAEC: No Observed Adverse Effect Concentration  
NOAEL: No Observed Adverse Effect Level  
OECD: Organization for Economic Cooperation and Development  
PBT: persistent, bioaccumulative, toxic  
PC: Product category  
PNEC: Predicted No Effect Concentration  
REACH: Registration, Evaluation and Authorization of Chemicals  
RID: Regulations concerning the international carriage of dangerous goods by rail  
(Règlement International concernant le transport de marchandises dangereuses par chemin de fer)  
STEL: Short-term Exposure Limit  
STP: Sewage treatment plant  
SVHC: Substance of Very High Concern  
TLV: Threshold Limit Value  
TWA: Time Weighted Average  
UN: United Nations  
VOC: Volatile Organic Compounds  
vPvB: very persistent, very bioaccumulative

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ceiling: Maximum limit value

\* Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapor	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitization	Calculation method
Skin sensitization	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS:

European Chemicals Agency (ECHA)

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGl(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

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Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
Japan GHS Classification  
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
RTECS (Registry of Toxic Effects of Chemical Substances)  
World Health Organization

Revision date: 06-Sep-2021

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006:

## Disclaimer:

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**End of Safety Data Sheet**