

# 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: 27-Jul-2021

Revision Number: 1

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

### 1.1. Product identifier

**Product Name:** Conti Tekton IL natur

Article number: 031160360000

UFI: JMUC-2YWN-X807-3U0X

Hazard components for labeling: Contains Hydrocarbons, C9-C11, n-alkanes, i-alkanes, cyclics, < 2% aromates

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

Product categories [PC]: PC9 - Coatings and paints, fillers, putties, thinners

Sector of uses [SU]: SU19 - Building and construction work

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

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

E-mail address: sds.ob@kluthe.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

Regulation (EC) No 1272/2008

Flammable liquids	Category 3 - (H226)
Specific target organ toxicity (single exposure)	Category 3 - (H336)

### 2.2. Label elements



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**Signal word: Warning**

**Hazard components for labeling:**

Contains Hydrocarbons, C9-C11, n-alkanes, i-alkanes, cyclics, < 2% aromates

**Hazard statements:**

H226 - Flammable liquid and vapor.

H336 - May cause drowsiness or dizziness.

EUH208 - Contains Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1) May produce an allergic reaction.

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

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

### 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 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-C11, n-alkanes, i-alkanes, cyclics, < 2% aromates	-	919-857-5	01-2119463258-33	Flam. Liq. 3 (H226) STOT SE 3 (H336) Asp. Tox. 1 (H304) (EUH066)	25 - < 50
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics	-	918-481-9	01-2119457273-39	Asp. Tox. 1 (H304) (EUH066)	25 - < 50
Hexanoic acid, 2-ethyl-, zirconium salt (1:?)	22464-99-9	245-018-1	01-2119979088-21	Repr. 2 (H361d)	0.25 - < 0.5
Hexanoic acid, 2-ethyl-, barium salt (2:1)	2457-01-4	219-535-8	01-2119983179-22	Acute Tox. 4 (H302) Eye Dam. 1 (H318) Acute Tox. 4 (H332) Repr. 2 (H361d)	0.1 - < 0.25
Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1)	136-52-7	205-250-6	01-2119524678-29	Skin Sens. 1A (H317) Eye Irrit. 2 (H319) Repr. 1B (H360) Aquatic Acute 1 (H400) Aquatic Chronic 3 (H412)	0.01 - < 0.05

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Dipropylene glycol monomethyl ether	34590-94-8	252-104-2	01-2119450011-60	[B]	0.01 - < 0.05
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[B] - Substance with a Community workplace exposure limit

## 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 (ATEmix) for classifying a mixture based on its components

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapor - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Hydrocarbons, C9-C11, n-alkanes, i-alkanes, cyclics, < 2% aromates -	5005	5005	No data available	5005	No data available
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics -	No data available	5005	8.5	No data available	No data available
Hexanoic acid, 2-ethyl-, zirconium salt (1:?) 22464-99-9	2043	2002	6	No data available	No data available
Hexanoic acid, 2-ethyl-, barium salt (2:1) 2457-01-4	500	2002	11	11	No data available
Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1) 136-52-7	5005	5005	11	No data available	No data available
Dipropylene glycol monomethyl ether 34590-94-8	5350	9500	21	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.
Inhalation:	Remove to fresh air. IF exposed or concerned: Get medical advice/attention.
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. Call a physician.
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

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contamination. Use personal protective equipment as required. See section 8 for more information.

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

Symptoms: Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

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

Note to physicians: Treat symptomatically.

## 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.

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## 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.
- 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.

### 7.3. Specific end use(s)

- Other information: No information available.

## SECTION 8: Exposure controls/personal protection

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## 8.1. Control parameters

Exposure Limits:

Chemical name	European Union	Germany	Netherlands	Spain	United Kingdom	Hungary
Hexanoic acid, 2-ethyl-, zirconium salt (1:?) 22464-99-9				TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> STEL: 20 mg/m <sup>3</sup>
Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1) 136-52-7					TWA: 0.1 mg/m <sup>3</sup>	
Dipropylene glycol monomethyl ether 34590-94-8	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> *	TWA: 50 ppm TWA: 310 mg/m <sup>3</sup>	TWA: 300 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> via dérmica*	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> STEL: 150 ppm STEL: 924 mg/m <sup>3</sup> Sk*	TWA: 308 mg/m <sup>3</sup>

Chemical name	France	Italy	Portugal	Finland	Denmark	Czech Republic
Hexanoic acid, 2-ethyl-, zirconium salt (1:?) 22464-99-9			TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	
Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1) 136-52-7						TWA: 0.05 mg/m <sup>3</sup> Ceiling: 0.1 mg/m <sup>3</sup>
Dipropylene glycol monomethyl ether 34590-94-8	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> *	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> pelle*	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> STEL: 150 ppm P*	TWA: 50 ppm TWA: 310 mg/m <sup>3</sup> iho*	TWA: 50 ppm TWA: 309 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
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics -		TWA: 50 ppm TWA: 300 mg/m <sup>3</sup> STEL: 100 ppm STEL: 600 mg/m <sup>3</sup>	STEL: 900 mg/m <sup>3</sup> TWA: 300 mg/m <sup>3</sup>			
Hexanoic acid, 2-ethyl-, zirconium salt (1:?) 22464-99-9	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	STEL: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	
Hexanoic acid, 2-ethyl-, barium salt (2:1) 2457-01-4				TWA: 0.5 mg/m <sup>3</sup> STEL: 1.5 mg/m <sup>3</sup>		
Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1) 136-52-7	H*	TWA: 0.05 mg/m <sup>3</sup> H*		TWA: 0.02 mg/m <sup>3</sup> STEL: 0.06 mg/m <sup>3</sup>	TWA: 0.02 mg/m <sup>3</sup> STEL: 0.3 mg/m <sup>3</sup>	
Dipropylene glycol monomethyl ether 34590-94-8	TWA: 50 ppm TWA: 307 mg/m <sup>3</sup> STEL 100 ppm STEL 614 mg/m <sup>3</sup> H*	TWA: 50 ppm TWA: 300 mg/m <sup>3</sup> STEL: 50 ppm STEL: 300 mg/m <sup>3</sup>	STEL: 480 mg/m <sup>3</sup> TWA: 240 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 300 mg/m <sup>3</sup> STEL: 75 ppm STEL: 375 mg/m <sup>3</sup> H*	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> STEL: 150 ppm STEL: 924 mg/m <sup>3</sup> Sk*	

Biological occupational exposure limits:

Chemical name	Austria	Switzerland	Poland	Norway	Ireland	Russia
Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1) 136-52-7	10 µg/L - urine (spontaneous urine) - after end of work day, at the end of a work week/end of the		-	-	-	

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Chemical name	Austria	Switzerland	Poland	Norway	Ireland	Russia
	shift - () -					

Derived No Effect Level (DNEL):

component information:

Worker - inhalative:

Chemical name	short term, local	short term, systemic	long term, local	long term, systemic
Hydrocarbons, C9-C11, n-alkanes, i-alkanes, cyclics, < 2% aromates				871 mg/m <sup>3</sup>
Hexanoic acid, 2-ethyl-, barium salt (2:1)				8.8 mg/m <sup>3</sup>
Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1)			0.2351 mg/m <sup>3</sup>	0.2351 mg/m <sup>3</sup>
Dipropylene glycol monomethyl ether				308 mg/m <sup>3</sup>

Worker - dermal:

Chemical name	short term, local	short term, systemic	long term, local	long term, systemic
Hydrocarbons, C9-C11, n-alkanes, i-alkanes, cyclics, < 2% aromates				208 mg/kg bw/day
Hexanoic acid, 2-ethyl-, barium salt (2:1)				7.25 mg/kg bw/day
Dipropylene glycol monomethyl ether				283 mg/kg bw/day

Consumer - inhalative:

Chemical name	short term, local	short term, systemic	long term, local	long term, systemic
Hydrocarbons, C9-C11, n-alkanes, i-alkanes, cyclics, < 2% aromates				185 mg/m <sup>3</sup>
Hexanoic acid, 2-ethyl-, barium salt (2:1)				2.6 mg/m <sup>3</sup>
Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1)			0.037 mg/m <sup>3</sup>	
Dipropylene glycol monomethyl ether				37.2 mg/m <sup>3</sup>

Consumer - dermal:

Chemical name	short term, local	short term, systemic	long term, local	long term, systemic
Hydrocarbons, C9-C11, n-alkanes, i-alkanes, cyclics, < 2% aromates				125 mg/kg bw/day
Hexanoic acid, 2-ethyl-,				3.62 mg/kg bw/day

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Chemical name	short term, local	short term, systemic	long term, local	long term, systemic
barium salt (2:1)				
Dipropylene glycol monomethyl ether				121 mg/kg bw/day

consumer - oral:

Chemical name	short term, local	short term, systemic	long term, local	long term, systemic
Hydrocarbons, C9-C11, n-alkanes, i-alkanes, cyclics, < 2% aromates				125 mg/kg bw/day
Hexanoic acid, 2-ethyl-, barium salt (2:1)				2.5 mg/kg bw/day
Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1)				0.0558 mg/kg bw/day
Dipropylene glycol monomethyl ether				36 mg/kg bw/day

Predicted No Effect Concentration (PNEC):

component information:

Chemical name	Hexanoic acid, 2-ethyl-, zirconium salt (1:?)
Freshwater	0.36 mg/L
Marine water	0.036 mg/L
Intermittent release	0.493 mg/L
Freshwater sediment	6.37 mg/kg
Marine sediment	0.637 mg/kg
Soil	1.06 mg/kg

Chemical name	Hexanoic acid, 2-ethyl-, barium salt (2:1)
Freshwater	360 µg/L
Marine water	36 µg/L
Intermittent release	493 µg/L
Freshwater sediment	792 mg/kg dry weight
Marine sediment	637 mg/kg dry weight
Soil	207 mg/kg dry weight

Chemical name	Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1)
Freshwater	0.00051 mg/L
Marine water	0.00236 mg/L
Freshwater sediment	9.5 mg/kg
Marine sediment	9.5 mg/kg
Soil	7.9 mg/kg

Chemical name	Dipropylene glycol monomethyl ether
Freshwater	19 mg/L
Marine water	1.9 mg/L
Intermittent release	190 mg/L
Impact on Sewage Treatment	4168 mg/L
Freshwater sediment	70.2 mg/kg
Marine sediment	7.02 mg/kg
Soil	2.74 mg/kg



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## 8.2. Exposure controls

Engineering controls: None under normal use conditions.

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
NBR (Nitrile rubber)	0.4 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 exceeded or irritation is experienced, ventilation and evacuation may be required.

Recommended Filter Type: Filtering device (full mask or mouthpiec AP-2

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

	Conditions	Method	Remarks
Melting point / melting range			Not established
Boiling point / boiling range	> 100 °C		
Flammability			Not established
Decomposition temperature			not relevant
Flash point	> 23 °C		
Autoignition temperature			None known
Lower explosive limit			not relevant
Upper explosion limit			not relevant

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Vapor pressure	>	1100	hPa	50 °C	
Density	~	0.854	g/cm <sup>3</sup>	20 °C	
Water solubility					Immiscible
pH					Not applicable
pH (as aqueous solution)					Not applicable
Partition coefficient					Not established
Kinematic viscosity					Not applicable
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	Not an explosive
Oxidizing properties	Not oxidising.

9.2.2. Other safety characteristics: No information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

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.

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## 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: May cause drowsiness or dizziness.

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

Skin contact: Specific test data for the substance or mixture is not available.

Ingestion: Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics:

Symptoms: 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

ATEmix (inhalation-dust/mist) 29.07 mg/l

Component Information:

Chemical name	Parameter	Species	effektive Dosis	Method
Hydrocarbons, C9-C11, n-alkanes, i-alkanes, cyclics, < 2% aromates -	Oral LD50	Rat	> 5000 mg/kg	
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics -	Oral LD50	Rat	> 5000 mg/kg	
Hexanoic acid, 2-ethyl-, zirconium salt (1:?) 22464-99-9	Oral LD50	Rat	2043 mg/kg	
Hexanoic acid, 2-ethyl-, barium salt (2:1) 2457-01-4	Oral LD50	Rat	500 mg/kg	

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Chemical name	Parameter	Species	effective Dosis	Method
Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1) 136-52-7	Oral LD50	Rat	> 5000 mg/kg	
Dipropylene glycol monomethyl ether 34590-94-8	Oral LD50	Rat	5.35 g/kg	

Chemical name	Parameters	Species	Effective dose	Method
Hydrocarbons, C9-C11, n-alkanes, i-alkanes, cyclics, < 2% aromates -	Dermal LD50	Rabbit	> 5000 mg/kg	
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics -	Dermal LD50	Rabbit	> 5000 mg/kg	
Hexanoic acid, 2-ethyl-, zirconium salt (1:?) 22464-99-9	Dermal LD50	Rabbit	> 2000 mg/kg	
Hexanoic acid, 2-ethyl-, barium salt (2:1) 2457-01-4	Dermal LD50	Rabbit	> 2000 mg/kg	
Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1) 136-52-7	Dermal LD50	Rabbit	> 5000 mg/kg	
Dipropylene glycol monomethyl ether 34590-94-8	Dermal LD50	Rabbit	9500 mg/kg	

Chemical name	Parameters	Species	Effective dose	Exposure time	Method
Hydrocarbons, C9-C11, n-alkanes, i-alkanes, cyclics, < 2% aromates -	Inhalation LC50	Rat	> 5000 mg/L	4 h	
Hexanoic acid, 2-ethyl-, zirconium salt (1:?) 22464-99-9	Inhalation LC50	Rat	> 5 mg/L	4 h	
Hexanoic acid, 2-ethyl-, barium salt (2:1) 2457-01-4	Inhalation LC50	Rat	11 mg/L	4 h	
Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1) 136-52-7	Inhalation LC50	Rat	> 10 mg/L	1 h	
Dipropylene glycol monomethyl ether 34590-94-8	Inhalation LC50	Rat	21 mg/L		

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.

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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:	No information available.

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

No information available.

### 11.2.2. Other information

No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecotoxicity:

fish toxicity:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
Hydrocarbons, C9-C11, n-alkanes, i-alkanes, cyclics, < 2% aromates -	LL50	Oncorhynchus mykiss	> 1000 mg/L	96 h	OECD 203
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics -	LL0	Oncorhynchus mykiss	1000 mg/L	96 h	
Dipropylene glycol monomethyl ether 34590-94-8	LC50	Pimephales promelas	> 10000 mg/L	96 h	

toxicity to crustacea:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
Hydrocarbons, C9-C11, n-alkanes, i-alkanes, cyclics, < 2% aromates -	EL50	Daphnia magna	> 1000 mg/L	48 h	OECD 202
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics -	EL0	Daphnia magna	1000 mg/L	48 h	
Dipropylene glycol monomethyl ether 34590-94-8	LC50	Daphnia magna	1919 mg/L	48 h	

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Algae Toxicity:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
Hydrocarbons, C9-C11, n-alkanes, i-alkanes, cyclics, < 2% aromates -	EL50	Pseudokirchneriella subcapitata	> 1000 mg/L	24 h	OECD 201
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics -	EL0	Pseudokirchneriella subcapitata	1000 mg/L	72 h	

## 12.2. Persistence and degradability

Persistence and degradability:

Chemical name	degradation rate	test duration	Rapidly biodegradable	Remarks	Method
Hydrocarbons, C9-C11, n-alkanes, i-alkanes, cyclics, < 2% aromates -	80 %	28 d	Yes		OECD 301F
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics -	80 %	28 d	Yes		
Hexanoic acid, 2-ethyl-, barium salt (2:1) 2457-01-4	100 %		Yes		
Dipropylene glycol monomethyl ether 34590-94-8	75 %	28 d	Yes		OECD 301F

## 12.3. Bioaccumulative potential

Bioaccumulation:

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics -	3	
Dipropylene glycol monomethyl ether 34590-94-8	-0.064	

## 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:

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Chemical name	PBT and vPvB assessment
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics -	The substance is not PBT / vPvB
Hexanoic acid, 2-ethyl-, zirconium salt (1:?) 22464-99-9	The substance is not PBT / vPvB
Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1) 136-52-7	The substance is not PBT / vPvB
Dipropylene glycol monomethyl ether 34590-94-8	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.

Waste codes / waste designations according to EWC / AVV: 08 01 11\* (Waste paint and varnish containing organic solvents or other dangerous substances)

## SECTION 14: Transport information

### 14.1. UN number

ADR: UN1263  
RID: UN1263  
IMDG: UN1263  
IATA: UN1263

### 14.2 UN proper shipping name

ADR: PAINT  
UN1263, PAINT, 3, III

RID: PAINT  
UN1263, PAINT, 3, III

IMDG: PAINT  
UN1263, PAINT, 3, III, (23°C C.C.)

IATA: PAINT  
UN1263, PAINT, 3, III

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## 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

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

## 14.5. Environmental hazards

ADR:	Not applicable
RID:	Not applicable
IMDG:	no marine pollutant
IATA:	Not applicable

## 14.6. Special precautions for user

ADR:	
Special Provisions:	163, 650, 367
RID:	
Special Provisions:	163, 650, 367
IMDG:	
Special Provisions:	163, 223, 367, 955
IATA:	
Special Provisions:	A3, A72, A192
ERG Code	3L

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

No information available



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## 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 contains one or more substance(s) 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, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics		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

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

volatile organic compounds (VOC) content:

acc. reg. 2010/75/EG:

71.9 %

acc. reg. 2004/42/EG (Decopaint):

~ 614 g/L

#### National regulations:

##### Denmark:

Chemical name	Denmark - MAL
Hexanoic acid, 2-ethyl-, barium salt (2:1) 2457-01-4	0 m3/10 g substance MAL factor >=2.0 % by weight [2]
Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1) 136-52-7	0 m3/10 g substance MAL factor >=2.0 % by weight [3]
Dipropylene glycol monomethyl ether 34590-94-8	5 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-C11, n-alkanes, i-alkanes, cyclics, < 2% aromates	1	-
-		
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics	1	-
-		

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Chemical name	WGK Classification (AwSV)	ID number
Hexanoic acid, 2-ethyl-, zirconium salt (1:?) 22464-99-9	1	-
Hexanoic acid, 2-ethyl-, barium salt (2:1) 2457-01-4	1	4309
Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1) 136-52-7	2	2305
Dipropylene glycol monomethyl ether 34590-94-8	1	5087

TA Luft (German Air Pollution Control Regulation):  
total dust incl. fine dust (digit 5.2.1): < 5%  
org. substances (Ziffer 5.2.5): 70 - 75%  
org. subst. (digit 5.2.5) class I: < 5%

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

France:

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

Chemical name	French RG number
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics -	RG 84
Dipropylene glycol monomethyl ether 34590-94-8	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: 69 %

## International Inventories:

TSCA	Does not comply
DSL/NDSL	Does not comply
EINECS/ELINCS	Does not comply
ENCS	Does not comply
IECSC	Does not comply
KECL	Does not comply
PICCS	Does not comply
AICS	Does not comply

## 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

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**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  
H302 - Harmful if swallowed  
H304 - May be fatal if swallowed and enters airways  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H319 - Causes serious eye irritation  
H332 - Harmful if inhaled  
H336 - May cause drowsiness or dizziness  
H360 - May damage fertility or the unborn child  
H361d - Suspected of damaging the unborn child  
H400 - Very toxic to aquatic life  
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  
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

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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 - 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

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)

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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

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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**