

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 12-Oct-2015

Print date: 30-Oct-2015

Version: 1.0

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EURODUR_BT_50

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

1.1. Product identifier

Trade name/designation:

EURODUR_BT_50

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

Relevant identified uses:

Sector of uses [SU]

SU 19: Building and construction work

Uses advised against:

Sector of uses [SU]

SU 21: Consumer uses: Private households (= general public = consumers)

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Euroteam Bauchemie GmbH

An der Mühle 1
15345 Altlandsberg
Germany

Telephone: +49 (0) 33438 14790

Telefax: +49 (0) 33438 147929

E-mail: info@euroteam-bauchemie.de

Website: www.euroteam-bauchemie.de

E-mail (competent person): info@euroteam-bauchemie.de

1.4. Emergency telephone number

Labor, 24h: +49 (0) 162 2599220, Montag - Donnerstag 7:00 - 16:00; Freitag 7:00 - 13:00 +49 (0) 33438 1479 19 (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]:

Hazard classes and hazard categories	Hazard statements	Classification procedure
flammable liquids (<i>Flam. Liq. 3</i>)	H226: Flammable liquid and vapour.	
Respiratory or skin sensitisation (<i>Skin Sens. 1</i>)	H317: May cause an allergic skin reaction.	
Acute toxicity (inhalative) (<i>Acute Tox. 4</i>)	H332: Harmful if inhaled.	
Respiratory or skin sensitisation (<i>Resp. Sens. 1</i>)	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.	
STOT-single exposure (<i>STOT SE 3</i>)	H335: May cause respiratory irritation.	
Hazardous to the aquatic environment (<i>Aquatic Chronic 3</i>)	H412: Harmful to aquatic life with long lasting effects.	

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2.2. Label elements

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

Hazard pictograms:



GHS07

Exclamation mark



GHS08

Health hazard



GHS02

Flame

Signal word: Danger

Hazard components for labelling:

3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate; dibutyltin dilaurate; hexamethylene diisocyanate; cyclohexanone

hazard statements for physical hazards

H226	Flammable liquid and vapour.
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hazard statements for health hazards

H317	May cause an allergic skin reaction.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.

hazard statements for environmental hazards

H412	Harmful to aquatic life with long lasting effects.
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Supplemental Hazard information (EU)

EUH066	Repeated exposure may cause skin dryness or cracking.
EUH208	Contains ISOPHORONE DIISOCYANATE. May produce an allergic reaction.

Precautionary statements Prevention

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements Response

P304 + P341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P308 + P313	IF exposed or concerned: Get medical advice/attention.
P342 + P311.2	If experiencing respiratory symptoms: Call a doctor.

2.3. Other hazards

No data available

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SECTION 3: Composition / information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 426822-87-9	aliphatic polyisocyanate Skin Sens. 1 H317	10 - 25 Wt %
CAS No.: 64742-95-6 EC No.: 918-668-5 REACH No.: 01-2119455851-35-XXXX	hydrocarbons, C9 , aromatics STOT SE 3, Flam. Liq. 3, Asp. Tox. 1, Aquatic Chronic 2 EUH066	10 - 25 Wt %
CAS No.: 53880-05-0 EC No.: 500-125-5 REACH No.: 01-2119488734-24-0002	IPDI homopolymer STOT SE 3, Skin Sens. 1 Warning H317-H335	2.5 - 10 Wt %
CAS No.: 140921-24-0 EC No.: 411-700-4	1,6-hexanediyl-bis(2-(2-(1-ethylpentyl)-3-oxazolidinyl)ethyl)carbamate Skin Sens. 1 Warning H317	2.5 - 10 Wt %
CAS No.: 108-65-6 EC No.: 203-603-9 REACH No.: 01-2119475791-29-XXXX	2-methoxy-1-methylethyl acetate Flam. Liq. 3 Warning H226	2.5 - 10 Wt %
CAS No.: 26488-60-8 EC No.: 247-735-5	2-ethylhexyl (6-isocyanatohexyl)-carbamate Resp. Sens. 1, Skin Sens. 1, Aquatic Chronic 2 H317-H334-H411	2.5 - 10 Wt %
CAS No.: 64742-47-8 EC No.: 265-149-8	Distillates (petroleum), hydrotreated light Asp. Tox. 1 Danger H304	< 1 Wt %
CAS No.: 4098-71-9 EC No.: 223-861-6	3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate STOT SE 3, Acute Tox. 1, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1, Aquatic Chronic 2 Danger H315-H317-H319-H330-H334-H335-H411	< 1 Wt %
CAS No.: 108-94-1 EC No.: 203-631-1 REACH No.: 01-2119453616-35-XXXX	cyclohexanone Eye Dam. 1, Flam. Liq. 3, Acute Tox. 4 H226-H302-H312-H318-H332	< 1 Wt %
CAS No.: 76977-79-2 EC No.: 278-583-8	bis(2-ethylhexyl) 1,6-hexan-1,6-diylbiscarbamate Skin Sens. 1, Aquatic Chronic 2 H317-H411	< 1 Wt %
CAS No.: 540-84-1 EC No.: 208-759-1	2,2,4-trimethylpentane STOT SE 3, Flam. Liq. 2, Skin Irrit. 2, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1 Danger H225-H304-H315-H336-H410	< 0.1 Wt %
CAS No.: 77-58-7 EC No.: 201-039-8 REACH No.: 01-2119496068-27-XXXX	dibutyltin dilaurate Skin Corr. 1C, Eye Dam. 1, Repr. 1B, Skin Sens. 1, Muta. 2, STOT SE 1, STOT RE 1, Aquatic Acute 1, Aquatic Chronic 1 H314-H317-H318-H341-H360FD-H370-H372-H400-H410	< 0.1 Wt %
CAS No.: 822-06-0 EC No.: 212-485-8	hexamethylene diisocyanate STOT SE 3, Acute Tox. 1, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1 H302-H315-H317-H319-H330-H334-H335	< 0.1 Wt %

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

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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). When in doubt or if symptoms are observed, get medical advice. Take off contaminated clothing.

Following inhalation:

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. In case of respiratory tract irritation, consult a physician. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing. In case of skin irritation, consult a physician.

After eye contact:

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion:

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do NOT induce vomiting.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Foam, Dry extinguishing powder, Carbon dioxide (CO₂), Water mist

Unsuitable extinguishing media:

High power water jet

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Hazardous decomposition products. Reignition possible over considerable distance.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Use personal protection equipment. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

5.4. Additional information

No data available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Use personal protection equipment. Remove all sources of ignition. Provide adequate ventilation as well as local exhaustion at critical locations. Avoid contact with skin, eyes and clothes. Do not breathe gas/fumes/vapour/spray.

6.1.2. For emergency responders

Personal protection equipment:

Wear personal protection equipment (refer to section 8).

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6.2. Environmental precautions

Do not allow to enter into surface water or drains. SECTION 12: Ecological information

6.3. Methods and material for containment and cleaning up

For containment:

Prevent spread over a wide area (e.g. by containment or oil barriers).

For cleaning up:

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

Dispose of waste according to applicable legislation. (Disposal: see section 13) Avoid contact with water.

Take precautionary measures against static discharge. Use explosion-proof machinery, apparatus, ventilation facilities, tools etc.

6.4. Reference to other sections

SECTION 12: Ecological information

6.5. Additional information

No data available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Wear personal protection equipment (refer to section 8). Avoid contact with skin, eyes and clothes. People who suffer from skin sensitization problems, asthma, allergies, chronic or recurring respiratory illnesses should not be deployed in any process using this preparation. Vapours can form explosive mixtures with air. Avoid: exceeding exposure limit values AGW (DE). Splashproof grounded devices. Keep away from sources of ignition. - No smoking. Provide adequate ventilation as well as local exhaust at critical locations. Use explosion-proof machinery, apparatus, ventilation facilities, tools etc.

Advices on general occupational hygiene

When using do not eat, drink or smoke. Wash hands before breaks and after work. Take off contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels:

Store in a place accessible by authorized persons only. Keep/Store only in original container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from sunlight.

Further information on storage conditions:

storage temperature: 5°C - 25°C

7.3. Specific end use(s)

Recommendation:

Observe technical data sheet.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① long-term occupational exposure limit value ② short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
IOELV (EU)	2-methoxy-1-methylethyl acetate CAS No.: 108-65-6	① 50 ppm (275 mg/m ³) ② 100 ppm (550 mg/m ³) ⑤ (May be absorbed through the skin.)
TRGS 900 (DE)	2-methoxy-1-methylethyl acetate CAS No.: 108-65-6	① 50 ppm (270 mg/m ³) ② 50 ppm (270 mg/m ³)
DFG (DE)	Distillates (petroleum), hydrotreated light CAS No.: 64742-47-8	① 20 ppm (140 mg/m ³) ② 40 ppm (280 mg/m ³)
TRGS 900 (DE)	3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate CAS No.: 4098-71-9	① 0.005 ppm (0.046 mg/m ³) ② 0.005 ppm (0.046 mg/m ³) ③ 0.01 ppm (0.092 mg/m ³)
TRGS 900 (DE)	cyclohexanone CAS No.: 108-94-1	① 20 ppm (80 mg/m ³) ② 20 ppm (80 mg/m ³)
IOELV (EU)	cyclohexanone CAS No.: 108-94-1	① 10 ppm (40.8 mg/m ³) ② 20 ppm (81.6 mg/m ³) ⑤ (May be absorbed through the skin.)
TRGS 900 (DE)	dibutyltin dilaurate CAS No.: 77-58-7	① 0.002 ppm (0.009 mg/m ³) ② 0.002 ppm (0.009 mg/m ³)
TRGS 900 (DE)	hexamethylene diisocyanate CAS No.: 822-06-0	① 0.005 ppm (0.035 mg/m ³) ② 0.005 ppm (0.035 mg/m ³) ③ 0.01 ppm (0.07 mg/m ³)

8.1.2. biological limit values

Limit value type (country of origin)	Substance name	Limit value	① parameter ② Test material ③ Sample time ④ Remark
BAT (DE)	hexamethylene diisocyanate CAS No.: 822-06-0	15 µg/g Creatinin	① Hexamethylendiamin, Nach Hydrolyse: ② Urin ③ Expositionsende bzw. Schichtende

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
hydrocarbons, C9 , aromatics CAS No.: 64742-95-6	150 mg/m ³	① DNEL worker ② DNEL long-term inhalative (systemic)
hydrocarbons, C9 , aromatics CAS No.: 64742-95-6	32 mg/m ³	① DNEL Consumer ② DNEL long-term inhalative (systemic)
hydrocarbons, C9 , aromatics CAS No.: 64742-95-6	25 mg/kg bw/day	① DNEL worker ② DNEL long-term dermal (systemic)

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Substance name	DNEL value	① DNEL type ② Exposure route
hydrocarbons, C9 , aromatics CAS No.: 64742-95-6	11 mg/kg bw/day	① DNEL Consumer ② DNEL long-term dermal (systemic)
cyclohexanone CAS No.: 108-94-1	80 mg/m ³	① DNEL worker ② DNEL acute inhalative (systemic)
cyclohexanone CAS No.: 108-94-1	20 mg/m ³	① DNEL Consumer ② DNEL acute inhalative (systemic)
cyclohexanone CAS No.: 108-94-1	80 mg/m ³	① DNEL worker ② DNEL acute inhalative (local)
cyclohexanone CAS No.: 108-94-1	40 mg/m ³	① DNEL Consumer ② DNEL acute inhalative (local)
cyclohexanone CAS No.: 108-94-1	40 mg/m ³	① DNEL worker ② DNEL long-term inhalative (systemic)
cyclohexanone CAS No.: 108-94-1	10 mg/m ³	① DNEL Consumer ② DNEL long-term inhalative (systemic)
cyclohexanone CAS No.: 108-94-1	40 mg/m ³	① DNEL worker ② DNEL long-term inhalative (local)
cyclohexanone CAS No.: 108-94-1	20 mg/m ³	① DNEL Consumer ② DNEL long-term inhalative (local)
cyclohexanone CAS No.: 108-94-1	4 mg/kg bw/ day	① DNEL worker ② DNEL acute dermal, short-term (systemic)
cyclohexanone CAS No.: 108-94-1	1 mg/kg bw/ day	① DNEL Consumer ② DNEL acute dermal, short-term (systemic)
cyclohexanone CAS No.: 108-94-1	4 mg/kg bw/ day	① DNEL worker ② DNEL long-term dermal (systemic)
cyclohexanone CAS No.: 108-94-1	1 mg/kg bw/ day	① DNEL Consumer ② DNEL long-term dermal (systemic)
cyclohexanone CAS No.: 108-94-1	1.5 mg/kg bw/day	① DNEL Consumer ② DNEL short-term oral (acute)
cyclohexanone CAS No.: 108-94-1	1.5 mg/kg bw/day	① DNEL Consumer ② DNEL long-term oral (repeated)

Substance name	PNEC Value	① PNEC type
cyclohexanone CAS No.: 108-94-1	0.0329 mg/l	① PNEC aquatic, freshwater
cyclohexanone CAS No.: 108-94-1	0.00329 mg/l	① PNEC aquatic, marine water
cyclohexanone CAS No.: 108-94-1	0.168 mg/kg	① PNEC sediment, freshwater
cyclohexanone CAS No.: 108-94-1	0.0168 mg/ kg	① PNEC sediment, marine water
cyclohexanone CAS No.: 108-94-1	10 mg/l	① PNEC sewage treatment plant (STP)

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

8.2.2. Personal protection equipment

Eye/face protection:

Eye glasses with side protection

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Skin protection:

Suitable gloves type: solvent-resistant. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. 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. Breakthrough times and swelling properties of the material must be taken into consideration. Wear suitable protective clothing.

Respiratory protection:

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

Other protection measures:

When using do not eat, drink or smoke. Wash hands before breaks and after work. Take off contaminated clothing. Wash contaminated clothing prior to re-use.

8.2.3. Environmental exposure controls

Do not allow to enter into surface water or drains.

8.3. Additional information

No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: liquid

Colour: pigmented

Odour: characteristic

Safety relevant basis data

parameter		at °C	Method	Remark
pH	<i>not applicable</i>			
Melting point/freezing point	<i>not applicable</i>			
Freezing point	<i>not determined</i>			
Initial boiling point and boiling range	140 - 185 °C			
Decomposition temperature (°C):	<i>No data available</i>			
Flash point	38 °C			
Evaporation rate	<i>not applicable</i>			
Ignition temperature in °C	<i>not determined</i>			
Upper/lower flammability or explosive limits	<i>No data available</i>			
Vapour pressure	<i>No data available</i>			
Vapour density	<i>not applicable</i>			
Density	1.35 g/cm ³			
Bulk density	<i>not applicable</i>			
Water solubility (g/L)	insoluble			
Partition coefficient: n-octanol/water	<i>not applicable</i>			
Dynamic viscosity	1,300 mPa*s	20 °C		
Kinematic viscosity	<i>not determined</i>			
VOC limit value:				2004/42/IIA(j)(500) < 500

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

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

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10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

Exothermic reaction with: Amines, Alcohol. Reacts violently with water. Formation of: Carbon dioxide (CO₂). Due to gaseous decomposition products, overpressure can occur in tightly sealed containers. Danger of bursting container.

10.4. Conditions to avoid

Protect from moisture. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Explosive reaction with: Water

10.5. Incompatible materials

Alcohols, Amines, Water

10.6. Hazardous decomposition products

Carbon dioxide (CO₂), Carbon monoxide, Nitrogen oxides (NO_x), Hydrogen cyanide (hydrocyanic acid)

SECTION 11: Toxicological information

11.1. Information on toxicological effects

CAS No.	Substance name	Toxicological information
64742-95-6	hydrocarbons, C9 , aromatics	LD₅₀ oral: >2,000 mg/kg (Rat) LD₅₀ dermal: >2,000 mg/kg (Rabbit) LC₅₀ inhalative: 3,400 ppmV 4 h
108-65-6	2-methoxy-1-methylethyl acetate	LD₅₀ oral: 8,532 mg/kg (Rat) LD₅₀ dermal: 5,000 mg/kg (Rabbit)
64742-47-8	Distillates (petroleum), hydrotreated light	LD₅₀ oral: 5,000 mg/kg (Rat) LD₅₀ dermal: >2,000 mg/kg (Rabbit) LC₅₀ inhalative: >5.2 ppmV 4 h (Rat)

Acute dermal toxicity:

People who suffer from skin sensitization problems, asthma, allergies, chronic or recurring respiratory illnesses should not be deployed in any process using this preparation.

Acute inhalation toxicity:

Irritating to respiratory system. Vapours may cause drowsiness and dizziness.

Skin corrosion/irritation:

Frequently or prolonged contact with skin may cause dermal irritation. Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).

Eye damage/irritation:

Irritating to eyes.

Respiratory or skin sensitisation:

May cause sensitisation by skin contact.

Germ cell mutagenicity:

No data available

Carcinogenicity:

No data available

Reproductive toxicity:

No data available

STOT-single exposure:

No data available

STOT-repeated exposure:

No data available

Aspiration hazard:

No data available

Additional information:

The product has not been tested. The statement is derived from the properties of the single components.

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SECTION 12: Ecological information

12.1. Toxicity

CAS No.	Substance name	Toxicological information
64742-95-6	hydrocarbons, C9 , aromatics	LC₅₀ : 9.2 mg/l 4 d (Oncorhynchus mykiss (Rainbow trout)) EC₅₀ : 2.6 - 2.9 mg/l 3 d (Pseudokirchneriella subcapitata) EC₅₀ : 3.2 mg/l 2 d (Daphnia magna (Big water flea))
108-65-6	2-methoxy-1-methylethyl acetate	LC₅₀ : 161 mg/l 4 d (Pimephales promelas (fathead minnow)) EC₅₀ : 500 mg/l 2 d
64742-47-8	Distillates (petroleum), hydrotreated light	LC₅₀ : 45 mg/l 4 d (Pimephales promelas (fathead minnow)) LC₅₀ : 2.2 mg/l 4 d (Lepomis macrochirus (Bluegill)) LC₅₀ : 2.4 mg/l 4 d
4098-71-9	3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate	EC₅₀ : 118.7 mg/l 3 d
108-94-1	cyclohexanone	LC₅₀ : 481 - 578 mg/l 4 d (Pimephales promelas (fathead minnow)) LC₅₀ : 8.9 mg/l 4 d (Pimephales promelas (fathead minnow))
822-06-0	hexamethylene diisocyanate	LC₅₀ : 26.1 mg/l 4 d

Aquatic toxicity:

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

CAS No.	Substance name	Biodegradation	Remark
4098-71-9	3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate	No	

Biodegradation:

Not readily biodegradable (according to OECD criteria)

12.3. Bioaccumulative potential

CAS No.	Substance name	Log K _{oc}	Bioconcentration factor (BCF)
108-65-6	2-methoxy-1-methylethyl acetate	0.43	
108-94-1	cyclohexanone	0.86	

Partition coefficient: n-octanol/water:

not applicable

Accumulation / Evaluation:

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

CAS No.	Substance name	Results of PBT and vPvB assessment
64742-95-6	hydrocarbons, C9 , aromatics	—
108-65-6	2-methoxy-1-methylethyl acetate	—
64742-47-8	Distillates (petroleum), hydrotreated light	—
4098-71-9	3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate	—
108-94-1	cyclohexanone	—

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CAS No.	Substance name	Results of PBT and vPvB assessment
77-58-7	dibutyltin dilaurate	—
822-06-0	hexamethylene diisocyanate	—

12.6. Other adverse effects

Discharge into the environment must be avoided. The product has not been tested. The statement is derived from the properties of the single components.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of waste according to applicable legislation.

Waste treatment options




Appropriate disposal / Package:

Completely emptied packages can be recycled.

13.2. Additional information

Waste codes/waste designations according to EWC/AVV

SECTION 14: Transport information

Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)	
14.1. UN-No.			
1263	1263	1263	
14.2. UN proper shipping name			
Paint	Paint	Paint	
14.3. Transport hazard class(es)			
 3	 3	 3	
14.4. Packing group			
III	III	III	
14.5. Environmental hazards			
No	No	No	
14.6. Special precautions for user			
Special provisions: Limited quantity (LQ): Hazard identification number (Kemler No.): Classification code: - Remark:	Special provisions: Limited quantity (LQ): EmS-No.: F-E ; S-E Remark: .	Special provisions: Limited quantity (LQ): Remark:	

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

Additional information:

Protect from moisture. Keep away from food, drink and animal feedingstuffs. Do not store at temperatures above 40 °C.

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SECTION 15: Regulatory information

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

15.1.1. EU legislation

No data available

15.1.2. National regulations

[DE] National regulations

Water hazard class (WGK)

WGK:

2 - deutlich wassergefährdend

15.2. Chemical Safety Assessment

For this substance a chemical safety assessment has not been carried out.

15.3. Additional information

No data available

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SECTION 16: Other information

16.1. Indication of changes

- 1.1. Product identifier
- 1.2. Relevant identified uses of the substance or mixture and uses advised against
- 1.3. Details of the supplier of the safety data sheet
- 1.4. Emergency telephone number
- 10.1. Reactivity
- 10.2. Chemical stability
- 10.3. Possibility of hazardous reactions
- 10.4. Conditions to avoid
- 10.5. Incompatible materials
- 10.6. Hazardous decomposition products
- 10.7. Additional information
- 11.1. Information on toxicological effects
- 12.1. Toxicity
- 12.2. Persistence and degradability
- 12.3. Bioaccumulative potential
- 12.4. Mobility in soil
- 12.5. Results of PBT and vPvB assessment
- 12.6. Other adverse effects
- 13.1. Waste treatment methods
- 14.5. Environmental hazards
- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
- 15.2. Chemical Safety Assessment
- 16.1. Indication of changes
- 16.2. Abbreviations and acronyms
- 16.3. Key literature references and sources for data
- 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]
- 16.5. Relevant R-, H- and EUH-phrases (Number and full text)
- 16.6. Training advice
- 16.7. Additional information
- 2.1. Classification of the substance or mixture
- 2.2. Label elements
- 2.3. Other hazards
- 3.1. Substances
- 3.2. Mixtures
- 4.1. Description of first aid measures
- 4.2. Most important symptoms and effects, both acute and delayed
- 4.3. Indication of any immediate medical attention and special treatment needed
- 5.1. Extinguishing media
- 5.2. Special hazards arising from the substance or mixture
- 5.3. Advice for firefighters
- 6.1. Personal precautions, protective equipment and emergency procedures
- 6.2. Environmental precautions
- 6.3. Methods and material for containment and cleaning up
- 6.4. Reference to other sections
- 7.1. Precautions for safe handling
- 7.2. Conditions for safe storage, including any incompatibilities
- 7.3. Specific end use(s)
- 8.1. Control parameters
- 8.2. Exposure controls
- 9.1. Information on basic physical and chemical properties
- 9.2. Other information

16.2. Abbreviations and acronyms

No data available

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16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Classification according to Regulation (EC) No 1272/2008 [CLP]:

Hazard classes and hazard categories	Hazard statements	Classification procedure
flammable liquids (<i>Flam. Liq. 3</i>)	H226: Flammable liquid and vapour.	
Respiratory or skin sensitisation (<i>Skin Sens. 1</i>)	H317: May cause an allergic skin reaction.	
Acute toxicity (inhalative) (<i>Acute Tox. 4</i>)	H332: Harmful if inhaled.	
Respiratory or skin sensitisation (<i>Resp. Sens. 1</i>)	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.	
STOT-single exposure (<i>STOT SE 3</i>)	H335: May cause respiratory irritation.	
Hazardous to the aquatic environment (<i>Aquatic Chronic 3</i>)	H412: Harmful to aquatic life with long lasting effects.	

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H341	Suspected of causing genetic defects.
H360FD	May damage fertility. May damage the unborn child.
H370	Causes damage to organs.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

16.6. Training advice

No data available

16.7. Additional information

No data available