

SAFETY DATA SHEET

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

Revision date: 20-Jun-2019

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Version: 3.0

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EUROLASTIC TC 30 G schwarz Komponente A 100:20

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

1.1. Product identifier

Trade name/designation:

EUROLASTIC TC 30 G schwarz Komponente A 100:20

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

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
Respiratory or skin sensitisation (<i>Skin Sens. 1</i>)	H317: May cause an allergic skin reaction.	
Reproductive toxicity (<i>Lact.</i>)	H362: May cause harm to breast-fed children.	
Hazardous to the aquatic environment (<i>Aquatic Acute 1</i>)	H400: Very toxic to aquatic life.	
Hazardous to the aquatic environment (<i>Aquatic Chronic 1</i>)	H410: Very toxic to aquatic life with long lasting effects.	

* 2.2. Label elements

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

Hazard pictograms:



GHS07

Exclamation mark



GHS09

Environment

Signal word: Warning

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Hazard components for labelling:

Alkanes, C14-17, chloro; xylene; Phenol, methylstyrenated; n-butyl acetate

hazard statements for health hazards

H317 May cause an allergic skin reaction.

H362 May cause harm to breast-fed children.

Hazard statements for environmental hazards

H410 Very toxic to aquatic life with long lasting effects.

Supplemental Hazard information (EU)

EUH208 Contains 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, Phenol, methylstyrenated. May produce an allergic reaction.

Precautionary statements Prevention

P201 Obtain special instructions before use.

P263 Avoid contact during pregnancy and while nursing.

P270 Do not eat, drink or smoke when using this product.

P273 Avoid release to the environment.

Precautionary statements Response

P302 + P352 IF ON SKIN: Wash with plenty of water/....

Special rules for supplemental label elements for certain mixtures:

17,6 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (oral).

36,1 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (dermal).

69,6 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (inhalative).

2.3. Other hazards

No data available

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.: 68611-50-7	LIQUID POLYSULFIDE POLYMER WITH THIOL END GROUPS (MW >1800) Aquatic Chronic 3 H412	24 - ≤ 41 Wt %
CAS No.: 85535-85-9 EC No.: 287-477-0 REACH No.: 01-2119519269-33-00XX	Alkanes, C14-17, chloro Aquatic Acute 1, Aquatic Chronic 1, Lact. Warning H362-H410-EUH066	8 - ≤ 15 Wt %
CAS No.: 27138-31-4 EC No.: 248-258-5	oxydipropyl dibenzoate Aquatic Chronic 3 H412	2 - ≤ 5 Wt %
CAS No.: 68512-30-1 EC No.: 270-966-8 REACH No.: 01-211955274-38-0000	Phenol, methylstyrenated Aquatic Chronic 3, Skin Irrit. 2, Skin Sens. 1 H315-H317-H412	1 - ≤ 3 Wt %
CAS No.: 1330-20-7 EC No.: 215-535-7 REACH No.: 01-2119488216-32-XXXX	xylene Acute Tox. 4, Asp. Tox. 1, Eye Irrit. 2, Flam. Liq. 3, STOT RE 2, STOT SE 3, Skin Irrit. 2 Danger H226-H304-H312 + H332-H315-H319-H335-H373	1 - ≤ 3 Wt %

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product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 123-86-4 EC No.: 204-658-1 REACH No.: 01-2119485493-29-XXXX	n-butyl acetate Flam. Liq. 3, STOT SE 3 Warning H226-H336-EUH066	1 - ≤ 3 Wt %
CAS No.: 25068-38-6 EC No.: 500-033-5 REACH No.: 01-2119456619-26-XXXX	4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane Aquatic Chronic 2, Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1 Warning H315-H317-H319-H411	0 - < 1 Wt %

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

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). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious place in recovery position and seek medical advice. Do not leave affected person unattended.

Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician. Get medical advice/attention if you feel unwell.

In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention. Take off immediately all contaminated clothing.

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. In case of contact with eyes, rinse immediately thoroughly with plenty of edible oil and consult an ophthalmologist.

After ingestion:

Get medical advice/attention if you feel unwell. Rinse mouth. Let water be drunken in little sips (dilution effect).

Self-protection of the first aider:

Use personal protection equipment.

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

Allergic reactions

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, Carbon dioxide (CO₂), Water spray jet, Dry extinguishing powder

Unsuitable extinguishing media:

Full water jet

5.2. Special hazards arising from the substance or mixture

Carbon dioxide (CO₂), Carbon monoxide, Formaldehyde, Hydrogen chloride (HCl), Hydrogen sulphide (H₂S), Sulphur dioxide (SO₂), Mercaptan

Hazardous combustion products:

In case of fire: Gases/vapours, toxic

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5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Remove persons to safety.

Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

6.1.2. For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment:

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

For cleaning up:

Solvents/Thinner

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

6.5. Additional information

Use appropriate container to avoid environmental contamination.

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). Do not breathe gas/fumes/vapour/spray. Avoid contact during pregnancy/while nursing.

Fire prevent measures:

No special fire protection measures are necessary.

Environmental precautions:

Do not allow to enter into soil/subsoil.

Advices on general occupational hygiene

When using do not eat, drink or smoke. Avoid contact with eyes and skin.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

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

Packaging materials:

Suitable container/equipment material: Tin

Requirements for storage rooms and vessels:

Keep/Store only in original container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect against direct sunlight.

Storage class: 10 – Combustible liquids that cannot be assigned to any of the above storage classes

7.3. Specific end use(s)

No data available

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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
TRGS 900 (DE)	Alkanes, C14-17, chloro CAS No.: 85535-85-9	① 0.3 ppm (6 mg/m ³) ② 2.4 ppm (48 mg/m ³) ⑤ (einatembare Fraktion; kann über die Haut aufgenommen werden)
IOELV (EU)	xylene CAS No.: 1330-20-7	① 50 ppm (221 mg/m ³) ② 100 ppm (442 mg/m ³) ⑤ (may be absorbed through the skin)
TRGS 900 (DE)	xylene CAS No.: 1330-20-7	① 100 ppm (440 mg/m ³) ② 200 ppm (880 mg/m ³) ⑤ (kann über die Haut aufgenommen werden)
TRGS 900 (DE)	n-butyl acetate CAS No.: 123-86-4	① 62 ppm (300 mg/m ³) ② 124 ppm (600 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 Time of sampling ④ Remark
TRGS 903 (DE)	xylene CAS No.: 1330-20-7	2,000 mg/L	① Methylhippur-(Tolur)-säure ② Urin ③ Expositionsende bzw. Schichtende

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
Alkanes, C14-17, chloro CAS No.: 85535-85-9	6.7 mg/m ³	① DNEL worker ② DNEL long-term inhalative (systemic)
Alkanes, C14-17, chloro CAS No.: 85535-85-9	47.9 mg/kg bw/day	① DNEL worker ② DNEL long-term dermal (systemic)
oxydiethyl sebacate CAS No.: 27138-31-4	35.08 mg/m ³	① DNEL worker ② DNEL acute inhalative (systemic)
oxydiethyl sebacate CAS No.: 27138-31-4	8.8 mg/m ³	① DNEL worker ② DNEL long-term inhalative (systemic)
oxydiethyl sebacate CAS No.: 27138-31-4	170 mg/kg bw/day	① DNEL worker ② DNEL acute dermal, short-term (systemic)
oxydiethyl sebacate CAS No.: 27138-31-4	10 mg/kg bw/day	① DNEL worker ② DNEL long-term dermal (systemic)
Phenol, methylstyrenated CAS No.: 68512-30-1	57 mg/m ³	① DNEL worker ② DNEL acute inhalative (local)
Phenol, methylstyrenated CAS No.: 68512-30-1	16.4 mg/kg	① DNEL worker ② DNEL acute dermal, short-term (local)

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Substance name	DNEL value	① DNEL type ② Exposure route
xylene CAS No.: 1330-20-7	289 mg/m ³	① DNEL worker ② DNEL acute inhalative (systemic)
xylene CAS No.: 1330-20-7	174 mg/m ³	① DNEL Consumer ② DNEL acute inhalative (systemic)
xylene CAS No.: 1330-20-7	289 mg/m ³	① DNEL worker ② DNEL acute inhalative (local)
xylene CAS No.: 1330-20-7	174 mg/m ³	① DNEL Consumer ② DNEL acute inhalative (local)
xylene CAS No.: 1330-20-7	77 mg/m ³	① DNEL worker ② DNEL long-term inhalative (systemic)
xylene CAS No.: 1330-20-7	14.8 mg/m ³	① DNEL Consumer ② DNEL long-term inhalative (local)
xylene CAS No.: 1330-20-7	180 mg/kg bw/day	① DNEL worker ② DNEL long-term dermal (systemic)
xylene CAS No.: 1330-20-7	108 mg/kg bw/day	① DNEL Consumer ② DNEL long-term dermal (systemic)
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane CAS No.: 25068-38-6	12.3 g/m ³	① DNEL worker ② DNEL acute inhalative (systemic)
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane CAS No.: 25068-38-6	12.3 g/m ³	① DNEL worker ② DNEL long-term inhalative (systemic)
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane CAS No.: 25068-38-6	8.3 mg/kg	① DNEL worker ② DNEL acute dermal, short-term (systemic)
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane CAS No.: 25068-38-6	8.3 mg/kg	① DNEL worker ② DNEL long-term dermal (systemic)

Substance name	PNEC Value	① PNEC type
Alkanes, C14-17, chloro CAS No.: 85535-85-9	1 µg/l	① PNEC aquatic, freshwater
Alkanes, C14-17, chloro CAS No.: 85535-85-9	0.2 µg/l	① PNEC aquatic, marine water
Alkanes, C14-17, chloro CAS No.: 85535-85-9	5 mg/kg	① PNEC sediment, freshwater
Alkanes, C14-17, chloro CAS No.: 85535-85-9	1 mg/kg	① PNEC sediment, marine water
oxydipropyl dibenzoate CAS No.: 27138-31-4	0.0037 mg/l	① PNEC aquatic, freshwater
oxydipropyl dibenzoate CAS No.: 27138-31-4	0.00037 mg/l	① PNEC aquatic, marine water
oxydipropyl dibenzoate CAS No.: 27138-31-4	0.037 mg/l	① PNEC aquatic, intermittent release
oxydipropyl dibenzoate CAS No.: 27138-31-4	1.49 mg/kg	① PNEC sediment, freshwater
oxydipropyl dibenzoate CAS No.: 27138-31-4	0.149 mg/kg	① PNEC sediment, marine water
oxydipropyl dibenzoate CAS No.: 27138-31-4	10 mg/l	① PNEC sewage treatment plant (STP)
Phenol, methylstyrenated CAS No.: 68512-30-1	0.014 mg/l	① PNEC aquatic, freshwater
Phenol, methylstyrenated CAS No.: 68512-30-1	0.0014 mg/l	① PNEC aquatic, marine water

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Substance name	PNEC Value	① PNEC type
xylene CAS No.: 1330-20-7	0.327 mg/l	① PNEC aquatic, freshwater
xylene CAS No.: 1330-20-7	0.327 mg/l	① PNEC aquatic, marine water
xylene CAS No.: 1330-20-7	0.327 mg/l	① PNEC aquatic, intermittent release
xylene CAS No.: 1330-20-7	6.58 mg/l	① PNEC sewage treatment plant (STP)
xylene CAS No.: 1330-20-7	13.46 mg/kg	① PNEC sediment, freshwater
xylene CAS No.: 1330-20-7	12.46 mg/kg	① PNEC sediment, marine water
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane CAS No.: 25068-38-6	0.003 mg/l	① PNEC aquatic, freshwater

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

8.2.2. Personal protection equipment

Eye/face protection:

(DIN EN 166) Eye glasses with side protection

Skin protection:

Recommended material: Butyl caoutchouc (butyl rubber), FKM (fluoro rubber), PVC (polyvinyl chloride), CR (polychloroprene, chloroprene rubber), NBR (Nitrile rubber) Tested protective gloves must be worn
EN ISO 374 Suitable material: Breakthrough time (maximum wearing time) min In the case of wanting to use the gloves again, clean them before taking off and air them well. Breakthrough times and swelling properties of the material must be taken into consideration.

Respiratory protection:

(Combination filtering device (EN 14387)) If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Other protection measures:

Avoid: Inhalation of vapours or spray/mists. Avoid contact with eyes and skin. Wash hands before breaks and after work. Apply skin care products after work.

8.2.3. Environmental exposure controls

No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid

Colour: black

Odour: not determined

Safety relevant basis data

parameter		at °C	Method	Remark
pH	<i>not determined</i>			
Melting point	<i>not determined</i>			
Freezing point	<i>not determined</i>			
Initial boiling point and boiling range	> 150 °C			
Decomposition temperature	<i>not determined</i>			
Flash point	100 °C			
Evaporation rate	<i>not determined</i>			
Auto-ignition temperature	<i>not determined</i>			

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parameter		at °C	Method	Remark
Upper/lower flammability or explosive limits	<i>not determined</i>			
Vapour pressure	<i>not determined</i>			
Vapour density	<i>not determined</i>			
Density	<i>not determined</i>			
Bulk density	<i>not determined</i>			
Water solubility	The study does not need to be conducted because the substance is known to be insoluble in water.			
Partition coefficient: n-octanol/water	<i>not determined</i>			
Dynamic viscosity	<i>not determined</i>			
Kinematic viscosity	<i>not determined</i>	40 °C		

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.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

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

10.4. Conditions to avoid

Safe handling: see section 7

10.5. Incompatible materials

Strong acid, Oxidising agent, strong, Reducing agent, strong.

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

CAS No.	Substance name	Toxicological information
68611-50-7	LIQUID POLYSULFIDE POLYMER WITH THIOL END GROUPS (MW >1800)	LD₅₀ oral: >5,000 mg/kg (Rat) LD₅₀ dermal: >7,800 mg/kg (Rat)
85535-85-9	Alkanes, C14-17, chloro	LD₅₀ oral: >4,000 mg/kg (Rat) LC₅₀ Acute inhalation toxicity (vapour): >3,300 mg/l 1 h (Rat)
27138-31-4	oxydipropyl dibenzoate	LD₅₀ oral: 3,914 mg/kg (Rat) LC₅₀ Acute inhalation toxicity (gas): >200 ppmV 4 h (Rat) LD₅₀ dermal: >2,000 mg/kg (Rat)

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CAS No.	Substance name	Toxicological information
68512-30-1	Phenol, methylstyrenated	LD₅₀ oral: >2,000 mg/kg (Rat) LD₅₀ dermal: >2,000 mg/kg (Rat)
1330-20-7	xylene	LD₅₀ oral: >2,000 mg/kg (Rat) LC₅₀ Acute inhalation toxicity (vapour): 21.7 mg/l 4 h (Rat) LD₅₀ dermal: >1,700 mg/kg (Rabbit)
123-86-4	n-butyl acetate	LD₅₀ oral: 10,760 mg/kg (Rat) OECD 423 LD₅₀ dermal: >14,112 mg/kg (Rabbit) OECD 402 LC₅₀ Acute inhalation toxicity (dust/mist): 23.4 mg/l 4 h (Rat)
25068-38-6	4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	LD₅₀ oral: 11,400 mg/kg (Rat) LD₅₀ dermal: >22,800 mg/kg (Rabbit)

Acute oral toxicity:

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

Acute dermal toxicity:

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

Acute inhalation toxicity:

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

Skin corrosion/irritation:

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

Serious eye damage/irritation:

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

Respiratory or skin sensitisation:

May cause an allergic skin reaction. Contains 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, Phenol, methylstyrenated. May produce an allergic reaction.

Germ cell mutagenicity:

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

Carcinogenicity:

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

Reproductive toxicity:

May cause harm to breast-fed children.

STOT-single exposure:

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

STOT-repeated exposure:

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

Aspiration hazard:

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

Additional information:

No data available

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SECTION 12: Ecological information

* 12.1. Toxicity

CAS No.	Substance name	Toxicological information
68611-50-7	LIQUID POLYSULFIDE POLYMER WITH THIOL END GROUPS (MW >1800)	LC₅₀: >1,000 mg/l 4 d (Leuciscus idus (golden orfe)) EC₅₀: 20 mg/l 2 d
85535-85-9	Alkanes, C14-17, chloro	LC₅₀: >5,000 mg/l 4 d (Alburnus alburnus (alburnum)) OECD 203 EC₅₀: 0.006 mg/l 2 d (Daphnia magna (Big water flea)) OECD 202 NOEC: 0.01 mg/l 21 d (Daphnia magna (Big water flea)) LOEC: 0.018 mg/l 21 d (Daphnia magna (Big water flea)) OECD 202 NOEC: 0.1 mg/l 4 d (Pseudokirchneriella subcapitata) OECD 201 LOEC: 0.18 mg/l 4 d (Pseudokirchneriella subcapitata) OECD 201 EC₅₀: >3.2 mg/l 4 d (Pseudokirchneriella subcapitata) OECD 201 NOEC: 0.1 mg/l 3 d (Pseudokirchneriella subcapitata) OECD 201 LOEC: 0.18 mg/l 3 d (Pseudokirchneriella subcapitata) OECD 201 EC₅₀: >3.2 mg/l 3 d (Pseudokirchneriella subcapitata) OECD 201
27138-31-4	oxydipropyl dibenzoate	LC₅₀: 3.7 mg/l 4 d EC₅₀: 10 - 100 mg/l 2 d
68512-30-1	Phenol, methylstyrenated	EC₅₀: 14 - 51 mg/l 2 d (Daphnia pulex (water flea)) OECD 202 EC₅₀: 15 mg/l 3 d OECD 201 LC₅₀: 25.8 mg/l 4 d OECD 203
1330-20-7	xylene	LC₅₀: 2.6 mg/l 4 d (Oncorhynchus mykiss (Rainbow trout)) IC₅₀: 1 mg/l (Daphnia magna (Big water flea)) EC₅₀: 2.2 mg/l 3 d (Pseudokirchneriella subcapitata) NOEC: 0.44 mg/l 3 d (Pseudokirchneriella subcapitata)
25068-38-6	4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	EC₅₀: 220 mg/l 4 d (Scenedesmus subspicatus) EC₅₀: 3.6 mg/l 4 d (Leuciscus idus (golden orfe)) EC₅₀: 2.8 mg/l 2 d (Daphnia magna (Big water flea)) LC₅₀: 1.3 mg/l 4 d

Aquatic toxicity:

Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

Assessment/classification:

Very toxic to aquatic life with long lasting effects.

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12.2. Persistence and degradability

CAS No.	Substance name	Biodegradation	Remark
68512-30-1	Phenol, methylstyrenated	No	

12.3. Bioaccumulative potential

CAS No.	Substance name	Log K _{OW}	Bioconcentration factor (BCF)
25068-38-6	4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	3.242	

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
68611-50-7	LIQUID POLYSULFIDE POLYMER WITH THIOL END GROUPS (MW >1800)	—
85535-85-9	Alkanes, C14-17, chloro	—
27138-31-4	oxydipropyl dibenzoate	—
68512-30-1	Phenol, methylstyrenated	The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.
1330-20-7	xylene	—
25068-38-6	4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	—
85535-85-9	Hordalub 80 / Hordaflex SP	—

12.6. Other adverse effects

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

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product:

08 01 11 *	Waste paint and varnish containing organic solvents or other dangerous substances
------------	---

*: Evidence for disposal must be provided.

Waste treatment options

Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package:

Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN-No.			
UN 3082	UN 3082	UN 3082	UN 3082

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Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.2. UN proper shipping name			
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkane s, C14-17, chloro, 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkane s, C14-17, chloro, 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkane s, C14-17, chloro, 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkane s, C14-17, chloro, 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane)
14.3. Transport hazard class(es)			
			
14.4. Packing group			
III	III	III	III
14.5. Environmental hazards			
		 MARINE POLLUTANT	
14.6. Special precautions for user			
Special provisions: 274 335 375 601 Limited quantity (LQ): 5 L Excepted Quantities: E1 Hazard identification number (Kemler No.): 90 Classification code: M6 Remark:	Special provisions: 274 335 375 601 Limited quantity (LQ): 5 L Excepted Quantities: E1 Classification code: M6 Remark:	Special provisions: 274 335 969 Limited quantity (LQ): 5 L Excepted Quantities: E1 EmS-No.: F-A, S-F Remark:	Special provisions: A97 A158 A197 Excepted Quantities: E1 Remark:

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Only use containers specifically approved for the substance/product.

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

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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.

SECTION 16: Other information

16.1. Indication of changes

2.1.	Classification of the substance or mixture
2.2.	Label elements
12.1.	Toxicity

16.2. Abbreviations and acronyms

No data available

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
Respiratory or skin sensitisation (<i>Skin Sens. 1</i>)	H317: May cause an allergic skin reaction.	
Reproductive toxicity (<i>Lact.</i>)	H362: May cause harm to breast-fed children.	
Hazardous to the aquatic environment (<i>Aquatic Acute 1</i>)	H400: Very toxic to aquatic life.	
Hazardous to the aquatic environment (<i>Aquatic Chronic 1</i>)	H410: Very toxic to aquatic life with long lasting effects.	

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

Hazard statements	
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312 + H332	Harmful in contact with skin or if inhaled.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H362	May cause harm to breast-fed children.
H373	May cause damage to organs through prolonged or repeated exposure. (...)
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Supplemental Hazard information (EU)

EUH066 Repeated exposure may cause skin dryness or cracking.

16.6. Training advice

No data available

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16.7. Additional information

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

* Data changed compared with the previous version

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

1.1. Product identifier

Trade name/designation:

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Article No.:

1078

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

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
Reproductive toxicity (<i>Lact.</i>)	H362: May cause harm to breast-fed children.	Calculation method.
STOT-repeated exposure (<i>STOT RE 2</i>)	H373: May cause damage to organs through prolonged or repeated exposure. (...)	Calculation method.
Hazardous to the aquatic environment (<i>Aquatic Acute 1</i>)	H400: Very toxic to aquatic life.	Calculation method.
Hazardous to the aquatic environment (<i>Aquatic Chronic 1</i>)	H410: Very toxic to aquatic life with long lasting effects.	Calculation method.

*

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* 2.2. Label elements

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

Hazard pictograms:



GHS08
Health hazard



GHS09
Environment

Signal word: Warning

Hazard components for labelling:

Alkanes, C14-17, chloro; 1,3-diphenylguanidine; manganese dioxide; thiram

hazard statements for health hazards

H362	May cause harm to breast-fed children.
H373	May cause damage to organs through prolonged or repeated exposure. (...)

Hazard statements for environmental hazards

H410	Very toxic to aquatic life with long lasting effects.
------	---

Supplemental Hazard information (EU)

EUH208	Contains thiram. May produce an allergic reaction.
--------	--

Precautionary statements Prevention

P201	Obtain special instructions before use.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P273	Avoid release to the environment.

Precautionary statements Response

P308 + P313	IF exposed or concerned: Get medical advice/attention.
P314	Get medical advice/attention if you feel unwell.

Special rules for supplemental label elements for certain mixtures:

22,8 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (oral).

70,1 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (dermal).

22,8 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (inhalative).

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.: 85535-85-9 EC No.: 287-477-0 REACH No.: 01-2119519269-33-00XX	Alkanes, C14-17, chloro Aquatic Acute 1, Aquatic Chronic 1, Lact. Warning H362-H410-EUH066	28 - ≤ 48 Wt %
CAS No.: 1313-13-9 EC No.: 215-202-6 REACH No.: 01-2119452801-43-XXXX	manganese dioxide Acute Tox. 4, STOT RE 2 H302-H332-H373	9 - < 16 Wt %
CAS No.: 137-26-8 EC No.: 205-286-2 REACH No.: 01-2119492301-45-XXXX	thiram Acute Tox. 4, Aquatic Acute 1, Aquatic Chronic 1, Eye Irrit. 2, STOT RE 2, Skin Irrit. 2, Skin Sens. 1 Warning H302-H315-H317-H319-H332-H373-H410 M-factor (acute): 10 M-factor (chronic): 10	0 - ≤ 1 Wt %
CAS No.: 102-06-7 EC No.: 203-002-1 REACH No.: 01-2119519144-47-XXXX	1,3-diphenylguanidine Acute Tox. 3, Aquatic Chronic 2, Eye Dam. 1, Repr. 2, STOT SE 3, Skin Irrit. 2 Danger H301-H315-H318-H335-H361fd-H411	0 - ≤ 1 Wt %

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

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). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious place in recovery position and seek medical advice. Do not leave affected person unattended. Warning First aider: Pay attention to self-protection!

Following inhalation:

Provide fresh air. Get medical advice/attention if you feel unwell.

In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing.

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:

Rinse mouth. Let water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

Self-protection of the first aider:

Use personal protection equipment. No direct artificial respiration to be given by first aider.

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

No data available

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

Treat symptomatically.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Foam, Dry extinguishing powder, Water spray jet Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media:

Full water jet

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

Hazardous combustion products:

In case of fire: Gases/vapours, toxic

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Remove persons to safety.

Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

6.1.2. For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment:

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

For cleaning up:

Solvents/Thinner

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

6.5. Additional information

Use appropriate container to avoid environmental contamination.

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 during pregnancy/while nursing.

Fire prevent measures:

No special measures are necessary.

Advices on general occupational hygiene

When using do not eat, drink or smoke. Avoid contact with eyes and skin.

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7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

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

Packaging materials:

Suitable container/equipment material: Tin

Requirements for storage rooms and vessels:

Keep/Store only in original container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect against direct sunlight.

Storage class: 10 - Combustible liquids that cannot be assigned to any of the above storage classes

7.3. Specific end use(s)

No data available

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
TRGS 900 (DE)	Alkanes, C14-17, chloro CAS No.: 85535-85-9	① 0.3 ppm (6 mg/m ³) ② 2.4 ppm (48 mg/m ³) ⑤ (einatembare Fraktion; kann über die Haut aufgenommen werden)
TRGS 900 (DE)	thiram CAS No.: 137-26-8	① 1 mg/m ³ ② 2 mg/m ³ ⑤ (einatembare Fraktion)

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
Alkanes, C14-17, chloro CAS No.: 85535-85-9	6.7 mg/m ³	① DNEL worker ② DNEL long-term inhalative (systemic)
Alkanes, C14-17, chloro CAS No.: 85535-85-9	47.9 mg/kg bw/day	① DNEL worker ② DNEL long-term dermal (systemic)
manganese dioxide CAS No.: 1313-13-9	0.2 mg/m ³	① DNEL worker ② DNEL long-term inhalative (systemic)
manganese dioxide CAS No.: 1313-13-9	0.043 mg/m ³	① DNEL Consumer ② DNEL long-term inhalative (systemic)
manganese dioxide CAS No.: 1313-13-9	0.004 mg/kg bw/day	① DNEL worker ② DNEL long-term dermal (systemic)
1,3-diphenylguanidine CAS No.: 102-06-7	1.2 mg/m ³	① DNEL worker ② DNEL long-term inhalative (systemic)
1,3-diphenylguanidine CAS No.: 102-06-7	1.7 mg/kg bw/day	① DNEL worker ② DNEL long-term dermal (systemic)

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Substance name	PNEC Value	① PNEC type
Alkanes, C14-17, chloro CAS No.: 85535-85-9	1 µg/l	① PNEC aquatic, freshwater
Alkanes, C14-17, chloro CAS No.: 85535-85-9	0.2 µg/l	① PNEC aquatic, marine water
Alkanes, C14-17, chloro CAS No.: 85535-85-9	5 mg/kg	① PNEC sediment, freshwater
Alkanes, C14-17, chloro CAS No.: 85535-85-9	1 mg/kg	① PNEC sediment, marine water
manganese dioxide CAS No.: 1313-13-9	0.00014 mg/l	① PNEC aquatic, freshwater
manganese dioxide CAS No.: 1313-13-9	0.000014 mg/l	① PNEC aquatic, marine water
manganese dioxide CAS No.: 1313-13-9	100 mg/l	① PNEC sewage treatment plant (STP)
manganese dioxide CAS No.: 1313-13-9	0.037 mg/kg bw/day	① PNEC sediment, freshwater
manganese dioxide CAS No.: 1313-13-9	0.0037 mg/kg bw/day	① PNEC sediment, marine water
1,3-diphenylguanidine CAS No.: 102-06-7	30 µg/l	① PNEC aquatic, freshwater
1,3-diphenylguanidine CAS No.: 102-06-7	3 µg/l	① PNEC aquatic, marine water
1,3-diphenylguanidine CAS No.: 102-06-7	0.014 mg/l	① PNEC aquatic, intermittent release
1,3-diphenylguanidine CAS No.: 102-06-7	14.892 mg/kg	① PNEC sediment, freshwater
1,3-diphenylguanidine CAS No.: 102-06-7	1.4892 mg/kg	① PNEC sediment, marine water
1,3-diphenylguanidine CAS No.: 102-06-7	1.47 mg/l	① PNEC sewage treatment plant (STP)
1,3-diphenylguanidine CAS No.: 102-06-7	3.78 mg/kg	① PNEC Secondary Poisoning

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

8.2.2. Personal protection equipment

Eye/face protection:

Eye glasses with side protection DIN EN 166

Skin protection:

Butyl caoutchouc (butyl rubber), FKM (fluoro rubber), PVC (polyvinyl chloride), CR (polychloroprene, chloroprene rubber), NBR (Nitrile rubber). Tested protective gloves must be worn EN ISO 374 Suitable material: Breakthrough time (maximum wearing time) min In the case of wanting to use the gloves again, clean them before taking off and air them well. Breakthrough times and swelling properties of the material must be taken into consideration.

Respiratory protection:

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Combination filtering device (EN 14387)

8.2.3. Environmental exposure controls

No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid

Colour: dark brown

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Odour: not determined

Safety relevant basis data

parameter		at °C	Method	Remark
pH	<i>not determined</i>			
Melting point	<i>not determined</i>			
Freezing point	<i>not determined</i>			
Initial boiling point and boiling range	> 200 °C			
Decomposition temperature	<i>not determined</i>			
Flash point	100 °C			
Evaporation rate	<i>not determined</i>			
Auto-ignition temperature	<i>not determined</i>			
Upper/lower flammability or explosive limits	<i>not determined</i>			
Vapour pressure	<i>not determined</i>			
Vapour density	<i>not determined</i>			
Density	<i>not determined</i>			
Bulk density	<i>not determined</i>			
Water solubility	The study does not need to be conducted because the substance is known to be insoluble in water.			
Partition coefficient: n-octanol/water	<i>not determined</i>			
Dynamic viscosity	<i>not determined</i>			
Kinematic viscosity	<i>not determined</i>	40 °C		

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product itself does not burn.

10.2. Chemical stability

No data available

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

In case of fire: Gases/vapours, toxic

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SECTION 11: Toxicological information

* 11.1. Information on toxicological effects

CAS No.	Substance name	Toxicological information
85535-85-9	Alkanes, C14-17, chloro	LD₅₀ oral: >4,000 mg/kg (Rat) LC₅₀ Acute inhalation toxicity (vapour): >3,300 mg/l 1 h (Rat)
1313-13-9	manganese dioxide	LD₅₀ oral: >3,480 mg/kg (Rat)
137-26-8	thiram	LD₅₀ oral: 1,800 mg/kg (Rat) LD₅₀ dermal: >2,000 mg/kg (Rabbit) LC₅₀ Acute inhalation toxicity (dust/mist): 3.464 mg/l 4 h (Rat) OECD 403
102-06-7	1,3-diphenylguanidine	LD₅₀ oral: 107 mg/kg (Rat) LD₅₀ dermal: >2,000 mg/kg (Rabbit)

Acute oral toxicity:

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

Acute dermal toxicity:

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

Acute inhalation toxicity:

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

Skin corrosion/irritation:

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

Serious eye damage/irritation:

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

Respiratory or skin sensitisation:

Contains thiram. May produce an allergic reaction.

Germ cell mutagenicity:

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

Carcinogenicity:

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

Reproductive toxicity:

May cause harm to breast-fed children.

STOT-single exposure:

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

STOT-repeated exposure:

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard:

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

Additional information:

The product has not been tested. The statement is derived from the properties of the single components. No data available

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SECTION 12: Ecological information

* 12.1. Toxicity

CAS No.	Substance name	Toxicological information
85535-85-9	Alkanes, C14-17, chloro	LC₅₀ : >5,000 mg/l 4 d (Alburnus alburnus (alburnum)) OECD 203 EC₅₀ : 0.006 mg/l 2 d (Daphnia magna (Big water flea)) OECD 202 NOEC : 0.01 mg/l 21 d (Daphnia magna (Big water flea)) LOEC : 0.018 mg/l 21 d (Daphnia magna (Big water flea)) OECD 202 NOEC : 0.1 mg/l 4 d (Pseudokirchneriella subcapitata) OECD 201 LOEC : 0.18 mg/l 4 d (Pseudokirchneriella subcapitata) OECD 201 EC₅₀ : >3.2 mg/l 4 d (Pseudokirchneriella subcapitata) OECD 201 NOEC : 0.1 mg/l 3 d (Pseudokirchneriella subcapitata) OECD 201 LOEC : 0.18 mg/l 3 d (Pseudokirchneriella subcapitata) OECD 201 EC₅₀ : >3.2 mg/l 3 d (Pseudokirchneriella subcapitata) OECD 201
137-26-8	thiram	EC₅₀ : 0.38 mg/l 2 d (Daphnia magna (Big water flea)) OECD 202 EC₅₀ : 0.065 mg/l 3 d OECD 201 LC₅₀ : 0.046 mg/l 4 d (Oncorhynchus mykiss (Rainbow trout)) OECD 203 NOEC : 0.01 mg/l 4 d (Oncorhynchus mykiss (Rainbow trout)) OECD 203 NOEC : 0.14 mg/l 2 d (Daphnia magna (Big water flea)) OECD 202
102-06-7	1,3-diphenylguanidine	LC₅₀ : 4.2 mg/l 4 d (Pimephales promelas (fathead minnow)) EC₅₀ : 17 mg/l 2 d (Daphnia magna (Big water flea)) IC₅₀ : 1.7 mg/l 3 d (Selenastrum capricornutum) EC₅₀ : 2.6 mg/l 3 d (Desmodesmus subspicatus)

Aquatic toxicity:

Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

CAS No.	Substance name	Biodegradation	Remark
137-26-8	thiram	No	

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

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12.5. Results of PBT and vPvB assessment

CAS No.	Substance name	Results of PBT and vPvB assessment
85535-85-9	Alkanes, C14-17, chloro	—
1313-13-9	manganese dioxide	—
137-26-8	thiram	The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.
102-06-7	1,3-diphenylguanidine	—

12.6. Other adverse effects

Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product:

08 01 11 * Waste paint and varnish containing organic solvents or other dangerous substances

*: Evidence for disposal must be provided.

Waste treatment options









Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package:

Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN-No.			
UN 3082	UN 3082	UN 3082	UN 3082
14.2. UN proper shipping name			
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkanes, C14-17, chloro, 1,3-diphenylguanidine)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkanes, C14-17, chloro, 1,3-diphenylguanidine)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkanes, C14-17, chloro, 1,3-diphenylguanidine)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkanes, C14-17, chloro, 1,3-diphenylguanidine)
14.3. Transport hazard class(es)			
 9	 9	 9	 9
14.4. Packing group			
III	III	III	III
14.5. Environmental hazards			
		 MARINE POLLUTANT	

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Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.6. Special precautions for user			
Special provisions: 274 335 375 601 Limited quantity (LQ): 5 L Excepted Quantities: E1 Hazard identification number (Kemler No.): 90 Classification code: M6 Remark:	Special provisions: 274 335 375 601 Limited quantity (LQ): 5 L Excepted Quantities: E1 Classification code: M6 Remark:	Special provisions: 274 335 969 Limited quantity (LQ): 5 L Excepted Quantities: E1 EmS-No.: F-A, S-F Remark:	Special provisions: A97 A158 A197 Excepted Quantities: E1 Remark:

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

Only use containers specifically approved for the substance/product.

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:

3 - stark wassergefährdend

15.2. Chemical Safety Assessment

No data available

SECTION 16: Other information

16.1. Indication of changes

2.1.	Classification of the substance or mixture
2.2.	Label elements
8.1.	Control parameters
11.1.	Information on toxicological effects
12.1.	Toxicity

16.2. Abbreviations and acronyms

No data available

16.3. Key literature references and sources for data

No data available

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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
Reproductive toxicity (<i>Lact.</i>)	H362: May cause harm to breast-fed children.	Calculation method.
STOT-repeated exposure (<i>STOT RE 2</i>)	H373: May cause damage to organs through prolonged or repeated exposure. (...)	Calculation method.
Hazardous to the aquatic environment (<i>Aquatic Acute 1</i>)	H400: Very toxic to aquatic life.	Calculation method.
Hazardous to the aquatic environment (<i>Aquatic Chronic 1</i>)	H410: Very toxic to aquatic life with long lasting effects.	Calculation method.

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

Hazard statements	
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H362	May cause harm to breast-fed children.
H373	May cause damage to organs through prolonged or repeated exposure. (...)
H373	May cause damage to organs through prolonged or repeated exposure. (...)
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

Supplemental Hazard information (EU)

EUH066	Repeated exposure may cause skin dryness or cracking.
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16.6. Training advice

No data available

16.7. Additional information

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

* Data changed compared with the previous version