

safety data sheet

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU



Carbazole ROTI®CALIPURE Meltingpointstandard

article number: **9752**
Version: **2.0 en**
Replaces version of: 27.10.2015
Version: (1.0)

date of compilation: 27.10.2015
Revision: 30.01.2017

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

1.1 Product identifier

| | |
|---------------------------------|------------------------------------|
| Identification of the substance | Carbazole |
| Article number | 9752 |
| Registration number (REACH) | This information is not available. |
| EC number | 201-696-0 |
| CAS number | 86-74-8 |

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

Identified uses: laboratory chemical

1.3 Details of the supplier of the safety data sheet

Carl Roth GmbH + Co KG
Schoemperlenstr. 3-5
D-76185 Karlsruhe
Germany

Telephone: +49 (0) 721 - 56 06 0

Telefax: +49 (0) 721 - 56 06 149

e-mail: sicherheit@carlroth.de

Website: www.carlroth.de

Competent person responsible for the safety data sheet : Department Health, Safety and Environment

e-mail (competent person) : sicherheit@carlroth.de

1.4 Emergency telephone number

Emergency information service **Poison Centre Munich: +49/(0)89 19240**

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

| Classification acc. to GHS | | | |
|----------------------------|---|---------------------------|------------------|
| Section | Hazard class | Hazard class and category | Hazard statement |
| 4.1A | hazardous to the aquatic environment - acute hazard | (Aquatic Acute 1) | H400 |
| 4.1C | hazardous to the aquatic environment - chronic hazard | (Aquatic Chronic 1) | H410 |

safety data sheet

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU



Carbazole ROTI®CALIPURE Meltingpointstandard

article number: 9752

Remarks

For full text of H-phrases: see SECTION 16.

2.2 Label elements

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

Signal word

Warning

Pictograms



Hazard statements

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

Precautionary statements - prevention

P273 Avoid release to the environment.

Labelling of packages where the contents do not exceed 125 ml

Signal word: **Warning**

Symbol(s)



2.3 Other hazards

There is no additional information.

SECTION 3: Composition/information on ingredients

3.1 Substances

| | |
|-------------------|----------------------------------|
| Name of substance | Carbazole |
| EC number | 201-696-0 |
| CAS number | 86-74-8 |
| Molecular formula | C ₁₂ H ₉ N |
| Molar mass | 167,2 g/mol |

safety data sheet

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU



Carbazole ROTI®CALIPURE Meltingpointstandard

article number: 9752

SECTION 4: First aid measures

4.1 Description of first aid measures



General notes

Take off contaminated clothing.

Following inhalation

Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.

Following skin contact

Rinse skin with water/shower.

Following eye contact

Rinse cautiously with water for several minutes.

Following ingestion

Rinse mouth. Call a doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date

4.3 Indication of any immediate medical attention and special treatment needed

none

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings
water spray, foam, dry extinguishing powder, carbon dioxide (CO₂)

Unsuitable extinguishing media

water jet

5.2 Special hazards arising from the substance or mixture

Combustible. Vapours can form explosive mixtures with air.

Hazardous combustion products

In case of fire may be liberated: nitrogen oxides (NO_x), carbon monoxide (CO), carbon dioxide (CO₂)

5.3 Advice for firefighters

Do not allow firefighting water to enter drains or water courses. Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

safety data sheet

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU



Carbazole ROTI®CALIPURE Meltingpointstandard

article number: 9752

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Do not breathe dust.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advices on how to contain a spill

Covering of drains.

Advices on how to clean up a spill

Take up mechanically. Control of dust.

Other information relating to spills and releases

Place in appropriate containers for disposal.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid dust formation.

• Measures to prevent fire as well as aerosol and dust generation

Removal of dust deposits.

Advice on general occupational hygiene

Keep away from food, drink and animal feedingstuffs. Wash hands before breaks and after work.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry place. Keep container tightly closed.

Incompatible substances or mixtures

Observe hints for combined storage.

Consideration of other advice

• Ventilation requirements

Use local and general ventilation.

• Specific designs for storage rooms or vessels

Recommended storage temperature: 15 - 25 °C.

7.3 Specific end use(s)

No information available.

safety data sheet

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU



Carbazole ROTI®CALIPURE Meltingpointstandard

article number: 9752

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

National limit values

Occupational exposure limit values (Workplace Exposure Limits)

8.2 Exposure controls

Individual protection measures (personal protective equipment)



Eye/face protection

Use safety goggles with side protection.

Skin protection

• hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. 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.

• type of material

NBR (Nitrile rubber)

• material thickness

>0,11 mm

• breakthrough times of the glove material

>480 minutes (permeation: level 6)

• other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended.

Respiratory protection

Respiratory protection necessary at: Dust formation. Particulate filter device (EN 143). P1 (filters at least 80 % of airborne particles, colour code: White).

Environmental exposure controls

Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

| | |
|-----------------|-------------------|
| Physical state | solid (powder) |
| Colour | beige |
| Odour | odourless |
| Odour threshold | No data available |

safety data sheet

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU



Carbazole ROTI®CALIPURE Meltingpointstandard

article number: 9752

Other physical and chemical parameters

| | |
|---|--|
| pH (value) | This information is not available. |
| Melting point/freezing point | 244 - 246 °C |
| Initial boiling point and boiling range | 350 - 355 °C at 1.013 hPa |
| Flash point | 220 °C (open cup) |
| Evaporation rate | no data available |
| Flammability (solid, gas) | Non-flammable |
| <u>Explosive limits</u> | |
| • lower explosion limit (LEL) | this information is not available |
| • upper explosion limit (UEL) | this information is not available |
| Explosion limits of dust clouds | these information are not available |
| Vapour pressure | This information is not available. |
| Density | 0,5 g/cm ³ at 20 °C |
| Vapour density | This information is not available. |
| Bulk density | ~620 kg/m ³ |
| Relative density | Information on this property is not available. |
| <u>Solubility(ies)</u> | |
| Water solubility | ~0,1 g/l at 20 °C |
| <u>Partition coefficient</u> | |
| n-octanol/water (log KOW) | 3,84 |
| Auto-ignition temperature | Information on this property is not available. |
| Decomposition temperature | no data available |
| Viscosity | not relevant (solid matter) |
| Explosive properties | Shall not be classified as explosive |
| Oxidising properties | none |

9.2 Other information

| | |
|--------------------------------------|--|
| Temperature class (EU, acc. to ATEX) | T1 (Maximum permissible surface temperature on the equipment: 450°C) |
|--------------------------------------|--|

Carbazole ROTI®CALIPURE Meltingpointstandard

article number: 9752

SECTION 10: Stability and reactivity

10.1 Reactivity

If heated: Vapours can form explosive mixtures with air, Dust explosibility

10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3 Possibility of hazardous reactions

Violent reaction with: Alkalis, Strong oxidiser

10.4 Conditions to avoid

Keep away from heat.

10.5 Incompatible materials

There is no additional information.

10.6 Hazardous decomposition products

Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Shall not be classified as acutely toxic.

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

Summary of evaluation of the CMR properties

Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant

• Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

• Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

Symptoms related to the physical, chemical and toxicological characteristics

• If swallowed

data are not available

safety data sheet

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU



Carbazole ROTI®CALIPURE Meltingpointstandard

article number: 9752

- **If in eyes**

essentially non-irritating

- **If inhaled**

data are not available

- **If on skin**

Not an irritant

Other information

None

SECTION 12: Ecological information

12.1 Toxicity

Very toxic to aquatic life with long lasting effects.

Aquatic toxicity (acute)

Very toxic to aquatic organisms.

| Endpoint | Value | Species | Source | Exposure time |
|----------|----------------|---------------------|-----------------|---------------|
| LC50 | 0,93 mg/l | Pimephales promelas | ECOTOX Database | 96 h |
| EC50 | 2,3 - 4,9 mg/l | daphnia magna | ECOTOX Database | 48 h |

Aquatic toxicity (chronic)

May cause long-term adverse effects in the aquatic environment.

12.2 Process of degradability

Not readily biodegradable. Theoretical Oxygen Demand with nitrification: 2,966 mg/mg
Theoretical Oxygen Demand: 2,583 mg/mg
Theoretical Carbon Dioxide: 3,158 mg/mg

12.3 Bioaccumulative potential

Does not significantly accumulate in organisms.

n-octanol/water (log KOW) 3,84

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Other adverse effects

Data are not available.

safety data sheet

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU



Carbazole ROTI®CALIPURE Meltingpointstandard

article number: 9752

SECTION 13: Disposal considerations

13.1 Waste treatment methods

This material and its container must be disposed of as hazardous waste. Dispose of contents/container in accordance with local/regional/national/international regulations.

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packagings

It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used.

13.2 Relevant provisions relating to waste

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

13.3 Remarks

Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions.

SECTION 14: Transport information

| | | |
|------|--|--|
| 14.1 | UN number | 3077 |
| 14.2 | UN proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. |
| | Hazardous ingredients | Carbazole |
| 14.3 | Transport hazard class(es) | |
| | Class | 9 (miscellaneous dangerous substances and articles) (environmentally hazardous) |
| 14.4 | Packing group | III (substance presenting low danger) |
| 14.5 | Environmental hazards | hazardous to the aquatic environment |
| 14.6 | Special precautions for user | |
| | Provisions for dangerous goods (ADR) should be complied within the premises. | |
| 14.7 | Transport in bulk according to Annex II of MARPOL and the IBC Code | |
| | The cargo is not intended to be carried in bulk. | |
| 14.8 | Information for each of the UN Model Regulations | |
| | • Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) | |
| | UN number | 3077 |
| | Proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. |
| | Particulars in the transport document | UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (Carbazole), 9, III, (-) |
| | Class | 9 |
| | Classification code | M7 |
| | Packing group | III |
| | Danger label(s) | 9 + "fish and tree" |

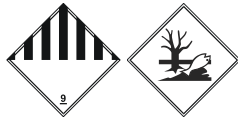
safety data sheet

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU



Carbazole ROTI®CALIPURE Meltingpointstandard

article number: 9752



| | |
|--|---|
| Environmental hazards | yes (hazardous to the aquatic environment) |
| Special provisions (SP) | 274, 335, 375, 601 |
| Excepted quantities (EQ) | E1 |
| Limited quantities (LQ) | 5 kg |
| Transport category (TC) | 3 |
| Tunnel restriction code (TRC) | - |
| Hazard identification No | 90 |
| • International Maritime Dangerous Goods Code (IMDG) | |
| UN number | 3077 |
| Proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. |
| Particulars in the shipper's declaration | UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (Carbazole), 9, III |
| Class | 9 |
| Marine pollutant | yes (hazardous to the aquatic environment) |
| Packing group | III |
| Danger label(s) | 9 + "fish and tree" |
| | |
| Special provisions (SP) | 274, 335, 966, 967, 969 |
| Excepted quantities (EQ) | E1 |
| Limited quantities (LQ) | 5 kg |
| EmS | F-A, S-F |
| Stowage category | A |
| • International Civil Aviation Organization (ICAO-IATA/DGR) | |
| UN number | 3077 |
| Proper shipping name | Environmentally hazardous substance, solid, n.o.s. |
| Particulars in the shipper's declaration | UN3077, Environmentally hazardous substance, solid, n.o.s., (Carbazole), 9, III |
| Class | 9 |
| Environmental hazards | yes (hazardous to the aquatic environment) |
| Packing group | III |
| | 9 + "fish and tree" |

safety data sheet

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU



Carbazole ROTI®CALIPURE Meltingpointstandard

article number: 9752



| | |
|--------------------------|----------------------------|
| Special provisions (SP) | A97, A158, A179, A197, 274 |
| Excepted quantities (EQ) | E1 |
| Limited quantities (LQ) | 30 kg |

SECTION 15: Regulatory information

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

Relevant provisions of the European Union (EU)

- **Regulation 649/2012/EU concerning the export and import of hazardous chemicals (PIC)**
Not listed.
- **Regulation 1005/2009/EC on substances that deplete the ozone layer (ODS)**
Not listed.
- **Regulation 850/2004/EC on persistent organic pollutants (POP)**
Not listed.
- **List of substances subject to authorisation (REACH, Annex XIV)**
not listed
- **Seveso Directive**

| 2012/18/EU (Seveso III) | | | |
|-------------------------|--|---|-------|
| No | Dangerous substance/hazard categories | Qualifying quantity (tonnes) for the application of lower and upper-tier requirements | Notes |
| E1 | environmental hazards (hazardous to the aquatic environment, cat. 1) | 100 200 | 56) |

Notation

56) Hazardous to the Aquatic Environment in category Acute 1 or Chronic 1

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) - Annex II

not listed

Regulation 166/2006/EC concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

not listed

Directive 2000/60/EC establishing a framework for Community action in the field of water policy (WFD)

not listed

National inventories

Substance is listed in the following national inventories:

- EINECS/ELINCS/NLP (Europe)
- REACH (Europe)

safety data sheet

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU



Carbazole ROTI®CALIPURE Meltingpointstandard

article number: 9752

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance.

SECTION 16: Other information

16.1 Indication of changes (revised safety data sheet)

| Section | Former entry (text/value) | Actual entry (text/value) |
|---------|--|--|
| 2.1 | | Classification acc. to GHS: change in the listing (table) |
| 2.2 | | Pictograms: change in the listing (table) |
| 2.2 | | Labelling of packages where the contents do not exceed 125 ml: change in the listing (table) |
| 3.1 | Molar mass: 167 g/mol | Molar mass: 167,2 g/mol |
| 8.2 | Respiratory protection: Respiratory protection necessary at: Dust formation. Particulate filter device (EN 143). P1 (filters at least 80 % of airborne particles, colour code: White). Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). | Respiratory protection: Respiratory protection necessary at: Dust formation. Particulate filter device (EN 143). P1 (filters at least 80 % of airborne particles, colour code: White). |
| 9.1 | Initial boiling point and boiling range: 350 - 355 °C | Initial boiling point and boiling range: 350 - 355 °C at 1.013 hPa |
| 9.1 | n-octanol/water (log KOW): 3,8 | n-octanol/water (log KOW): 3,84 |
| 9.1 | Explosive properties: none | Explosive properties: Shall not be classified as explosive |
| 9.2 | Other information: There is no additional information. | Other information |
| 9.2 | Other information: There is no additional information. | Other information |
| 9.2 | | Temperature class (EU, acc. to ATEX): T1 (Maximum permissible surface temperature on the equipment: 450°C) |
| 11.1 | Information on toxicological effects: This substance does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC. | Information on toxicological effects |
| 11.1 | Information on toxicological effects: This substance does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC. | Information on toxicological effects |
| 11.1 | | Acute toxicity: Shall not be classified as acutely toxic. |
| 12.1 | Toxicity: Very toxic to aquatic life. Toxic to aquatic life with long lasting effects. | Toxicity: Very toxic to aquatic life with long lasting effects. |
| 12.1 | | Aquatic toxicity (acute): change in the listing (table) |
| 12.2 | Process of degradability: Theoretical Oxygen Demand with nitrification: 3 mg/mg Theoretical Oxygen Demand: 2.6 mg/mg Theoretical Carbon Dioxide: 3.2 mg/mg | Process of degradability: Not readily biodegradable. Theoretical Oxygen Demand with nitrification: 2,966 mg/mg Theoretical Oxygen Demand: 2,583 mg/mg Theoretical Carbon Dioxide: 3,158 mg/mg |

safety data sheet

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU



Carbazole ROTI®CALIPURE Meltingpointstandard

article number: 9752

| Section | Former entry (text/value) | Actual entry (text/value) |
|---------|---|---|
| 12.3 | n-octanol/water (log KOW): 3.8 | n-octanol/water (log KOW): 3,84 |
| 12.6 | Other adverse effects: Hazardous to water. | Other adverse effects: Data are not available. |
| 14.8 | Particulars in the transport document: UN3077, ENVIRONMENTALLY HAZARDOUS SUB- STANCE, SOLID, N.O.S., (carbazole), 9, III, (E) | Particulars in the transport document: UN3077, ENVIRONMENTALLY HAZARDOUS SUB- STANCE, SOLID, N.O.S., (Carbazole), 9, III, (-) |
| 14.8 | Tunnel restriction code (TRC): E | Tunnel restriction code (TRC): - |
| 14.8 | | • International Civil Aviation Organization (ICAO- IATA/DGR) |
| 14.8 | | UN number: 3077 |
| 14.8 | | Proper shipping name: Environmentally hazardous substance, solid, n.o.s. |
| 14.8 | | Particulars in the shipper's declaration: UN3077, Environmentally hazardous substance, sol- id, n.o.s., (Carbazole), 9, III |
| 14.8 | | Class: 9 |
| 14.8 | | Environmental hazards: yes (hazardous to the aquatic environment) |
| 14.8 | | Packing group: III9 + "fish and tree" |
| 14.8 | | Packing group: change in the listing (table) |
| 14.8 | | Special provisions (SP): A97, A158, A179, A197, 274 |
| 14.8 | | Excepted quantities (EQ): E1 |
| 14.8 | | Limited quantities (LQ): 30 kg |
| 15.1 | • Restrictions according to REACH, Annex XVII: not listed | |
| 15.1 | | 96/82/EC (Seveso II): change in the listing (table) |
| 16 | | Abbreviations and acronyms: change in the listing (table) |
| 16 | | List of relevant phrases (code and full text as stated in chapter 2 and 3): change in the listing (table) |

Abbreviations and acronyms

| Abbr. | Descriptions of used abbreviations |
|-------|---|
| ADN | Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways) |
| ADR | Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road) |
| CAS | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances) |
| CLP | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures |

safety data sheet

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU



Carbazole ROTI®CALIPURE Meltingpointstandard

article number: 9752

| Abbr. | Descriptions of used abbreviations |
|----------|---|
| CMR | Carcinogenic, Mutagenic or toxic for Reproduction |
| DGR | Dangerous Goods Regulations (see IATA/DGR) |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| ELINCS | European List of Notified Chemical Substances |
| EmS | Emergency Schedule |
| GHS | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations |
| IATA | International Air Transport Association |
| IATA/DGR | Dangerous Goods Regulations (DGR) for the air transport (IATA) |
| ICAO | International Civil Aviation Organization |
| IMDG | International Maritime Dangerous Goods Code |
| MARPOL | International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant") |
| NLP | No-Longer Polymer |
| PBT | Persistent, Bioaccumulative and Toxic |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals |
| RID | Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail) |
| vPvB | very Persistent and very Bioaccumulative |

Key literature references and sources for data

- Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU
- Regulation (EC) No. 1272/2008 (CLP, EU GHS)

List of relevant phrases (code and full text as stated in chapter 2 and 3)

| Code | Text |
|------|--|
| H400 | very toxic to aquatic life |
| H410 | very toxic to aquatic life with long lasting effects |

Disclaimer

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.