

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 22.07.2011

Revision: 04.01.2010

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

- Product identifier

- Trade name Entschäumer 50 -flüssig-

- Article number: 1000667034000

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

- Application of the substance / the preparation

Cleaning agent/ Cleaner

Additive

- Details of the supplier of the safety data sheet

- Manufacturer/Supplier:

Stockmeier Chemie GmbH & Co. KG

Eckendorfer Str. 10

D - 33609 Bielefeld

Tel.: +49/521/3037-0

- Informing department:

Product safety department. Tel.: 0049 / 521 / 3037-182 or 3037-145

E-mail: ehs-bielefeld@stockmeier.de

- Emergency telephone number:

Poison Control Center, Mainz

Tel. 00 49 / 61 31 / 19 240

* 2 Hazards identification

- Classification of the substance or mixture

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

Aquatic Acute 1 H400 Very toxic to aquatic life.

Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.

- Classification according to Directive 67/548/EEC or Directive 1999/45/EC

N; Dangerous for the environment

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

- Classification system:

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

- Label elements

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

The substance is classified and labelled according to the CLP regulation.

- Hazard pictograms



GHS09

- Signal word Warning

- Hazard statements

H410 Very toxic to aquatic life with long lasting effects.

- Precautionary statements

P273 Avoid release to the environment.

P391 Collect spillage.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- Other hazards

- Results of PBT and vPvB assessment

- PBT: Not applicable.

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- **vPvB**: Not applicable.

3 Composition/information on ingredients

- **Description**: Mixture of the substances listed below with harmless additions- **Dangerous components**:

CAS: 103818-92-4	alcohols, C12-C14, ethoxylated/propoxylated, methylether	50-100%
Polymer	N R50/53	
	Aquatic Acute 1, H400; Aquatic Chronic 1, H410	

- **Additional information** For the wording of the listed risk phrases refer to section 16.- **Composition/Ingredients**

Constituents according to EC-Regulation 648/2004:
 > 30 % non-ionic surfactants,

4 First aid measures

- **Description of first aid measures**- **General advice**: No special measures required.- **After inhalation** Supply fresh air; consult doctor in case of symptoms.- **After skin contact** Wash with water.- **After eye contact** Rinse immediately opened eye for several minutes under running water. Then consult doctor.- **After swallowing**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; instantly call for medical help.

- **Information for doctor** Symptomatic treatment.

5 Firefighting measures

- **Extinguishing media**- **Suitable extinguishing agents**CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.- **Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

- **Advice for firefighters**- **Protective equipment**:

See section 8.

Wear self-contained breathing apparatus.

- **Additional information**

Endangered containers in the surrounding area should be cooled with a water-hose.

Collect contaminated fire fighting water separately. It must not enter drains.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

Particular danger of slipping on leaked/spilled product.

- **Environmental precautions**:

Do not allow product to reach sewage system or water bodies.

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If large amounts are released, the authorities must be informed.

- Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste according to item 13.

- Reference to other sections

See Section 8 for information on personal protection equipment.

7 Handling and storage

- Handling

- Precautions for safe handling Keep containers tightly sealed.

- Information about protection against explosions and fires: No special measures required.

- Conditions for safe storage, including any incompatibilities

- Storage Keep containers tightly closed. Store in cool, dry conditions.

- Requirements to be met by storerooms and containers:

Observe official regulations on storage and handling of water hazardous substances

- Information about storage in one common storage facility: Not required.

- Further information about storage conditions: Protect from humidity and keep away from water.

- Recommended storage temperature: < +40°C

- Storage class 10 (VCI - concept, 2007)

8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.

- Control parameters

- Components with critical values that require monitoring at the workplace: Void

- Additional information: The lists that were valid during the compilation were used as basis.

- Exposure controls

- Personal protective equipment

- General protective and hygienic measures

Keep away from food, beverages and fodder.

Instantly remove any soiled and impregnated garments.

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes and skin.

- Breathing equipment: Not required.

- Protection of hands: Not required.

- Eye protection: Tightly sealed safety glasses.

- Limitation and supervision of exposure into the environment

The local and national waste water regulations must be observed.

9 Physical and chemical properties

- Information on basic physical and chemical properties

- General Information

- Appearance:

Form: Fluid

Colour: Colourless

- Smell: Characteristic

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- pH-value (10 g/l) at 20°C:	5.0-7.5
- Change in condition Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined
- Flash point:	> 100°C
- Self-inflammability:	Product is not selfigniting.
- Danger of explosion:	Product is not approx. potentially explosive.
- Density at 70°C	~ 0.92 g/cm ³
- Solubility in / Miscibility with Water:	Partly miscible

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known
- **Incompatible materials:** Strong oxidizing agents
- **Hazardous decomposition products:** Formation of carbon monoxide and carbon dioxide in case of fire.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:** LD50 oral: > 2000 mg/kg rat
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritant effect.
- **Sensitization:** No sensitizing effect known.

12 Ecological information

- **Toxicity**

- Aquatic toxicity:	
103818-92-4 alcohols, C12-C14, ethoxylated/propoxylated, methylether	
EC 50	1-10 mg/l (Aquatic invertebrates)
	0.1-1.0 mg/l (Algae)
LC 50	0.1-1.0 mg/l (Fish)

- **Persistence and degradability**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

- **Ecotoxicological effects:**

- **Remark:** Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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- **Remark:** On proper use no troubles in clarification plants
- **Additional ecological information:**
- **General notes:**
 Also poisonous for fish and plankton in water bodies.
 Water hazard class 2 (Self-assessment): hazardous for water.
 Do not allow product to reach ground water, water bodies or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

13 Disposal considerations

- **Waste treatment methods**
 The following advice is related to new material and not to any processed products. In case of a mixture with other products other disposal methods may become necessary. If in doubt seek advice from product supplier or from local authorities.
- **Recommendation**
 Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
 If possible, send to be recycled, otherwise burn or deposit in a certified facility.
- **Waste disposal key number:**
 Since 01/01/99 the waste code numbers have not only been product-related but are also essentially application-related. The valid waste code number of the application can be obtained from the European waste catalogue.
- **Uncleaned packagings:**
- **Recommendation:**
 Rented packaging: After optimal emptying, close immediately and return to the supplier without cleaning. Care should be taken that no other materials get into the packaging.
 Other containers: After complete emptying and cleaning, send to be reconditioned or recycled.

*14 Transport information

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**
- **ADR/RID-GGVS/E Class:** 9 (M6) Miscellaneous dangerous substances and articles.
- **Kemler Number:** 90
- **UN-Number:** 3082
- **Packaging group:** III
- **Label** 9
- **Special marking:** Symbol (fish and tree)
- **UN proper shipping name:** 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alcohols, C12-C14, ethoxylated/propoxylated, methylether)
- **Maritime transport IMDG/GGVSea:**
- **IMDG/GGVSea Class:** 9
- **UN Number:** 3082
- **Label** 9
- **Packaging group:** III
- **EMS Number:** F-A,S-F
- **Marine pollutant:** Yes
 Symbol (fish and tree)
- **Correct technical name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alcohol, C12-C14, ethoxylated/propoxylated, methylether)

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- Air transport ICAO-TI and IATA-DGR:	
- ICAO/IATA Class:	9
- UN/ID Number:	3082
- Label	9
- Special marking:	Symbol (fish and tree)
- Packaging group:	III
- Correct technical name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alcohol, C12-C14, ethoxylated/propoxylated, methylether)

- UN "Model Regulation": UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III
- Environmental hazards:
 Product contains environmentally hazardous substances: alcohols, C12-C14, ethoxylated/propoxylated, methylether
- Special precautions for user Warning: Miscellaneous dangerous substances and articles.

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- National regulations
- **Information about limitation of use:** Employment restrictions concerning young persons must be observed.
- **Water hazard class:** Water hazard class 2 (Self-assessment): hazardous for water.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

*16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
 Complete wording of hazard statements and risk phrases (H- and R-phrases) mentioned in section 3. These phrases refer to the constituents. The labelling for this product is stated in section 2.
 H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.
 R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Department issuing data specification sheet:** see item 1: Informing departement
- **Abbreviations and acronyms:**
 ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
 ICAO: International Civil Aviation Organization
 ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals
 CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
- * **Data compared to the previous version altered.**