

# **SECTION 3: Composition/information on ingredients**

- · 3.2 Chemical characterisation: Mixtures
- **Description:** Mixture of the substances listed below with harmless additions.

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CAS: 55965-84-9	Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on [EG nr. 247-500-7] und 2-Methyl-2H-isothiazol-3-on [EG nr. 220-239-6] (3:1)	< 19
	<ul> <li>Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331;</li> <li>Skin Corr. 1B, H314;</li> <li>Aquatic Acute 1, H400; Aquatic Chronic 1, H410;</li> <li>Skin Sens. 1, H317</li> </ul>	
CAS: 68891-38-3	Alkyl(C12-C14)-polyethylenglykolether(3EO)-sulfat, Na-Salz       Skin Irrit. 2, H315; Eye Irrit. 2, H319	< 59
· Regulation (EC)	No 648/2004 on detergents / Labelling for contents	
anionic surfactants	3	<5%

· Additional information For the wording of the listed hazard phrases refer to section 16.

## **SECTION 4: First aid measures**

- · 4.1 Description of first aid measures
- General information Instantly remove any clothing soiled by the product. No special measures required.
- After inhalation Seek medical treatment in case of complaints. Supply fresh air.
- After skin contact The product is not skin irritating.
- · After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor. • After swallowing

Do not induce vomiting; instantly call for medical help. Rinse out mouth and then drink plenty of water.

- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

## **SECTION 5: Firefighting measures**

- · 5.1 Extinguishing media
- · Suitable extinguishing agents
- CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- · 5.2 Special hazards arising from the substance or mixture
- No further relevant information available.
- 5.3 Advice for firefighters
- · Protective equipment: No special measures required.

## **SECTION 6: Accidental release measures**

- · 6.1 Personal precautions, protective equipment and emergency procedures Not required.
- 6.2 Environmental precautions: Dilute with much water.
- 6.3 Methods and material for containment and cleaning up:
- Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
- 6.4 Reference to other sections No dangerous materials are released.

## **SECTION 7: Handling and storage**

· 7.1 Precautions for safe handling No special measures required.

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- · Information about protection against explosions and fires: No special measures required.
- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage
- · Requirements to be met by storerooms and containers: No special requirements.
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: None.
- · Storage class 10-13
- · 7.3 Specific end use(s) No further relevant information available.

## **SECTION 8: Exposure controls/personal protection**

- · Additional information about design of technical systems: No further data; see item 7.
- · 8.1 Control parameters
- · Components with critical values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- Additional information: The lists that were valid during the compilation were used as basis.
- · 8.2 Exposure controls
- · Personal protective equipment
- · General protective and hygienic measures
- The usual precautionary measures should be adhered to in handling the chemicals.
- · Breathing equipment: Not required.
- Protection of hands:

To avoid skin problems reduce the wearing of gloves to the required minimum.

- · Material of gloves Latex, PE
- · Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- Eye protection: Not required.
- · Body protection: Not required.

## **SECTION 9: Physical and chemical properties**

<ul> <li>9.1 Information on basic physical and c</li> <li>General Information</li> </ul>	hemical properties
<ul> <li>Appearance:</li> <li>Form:</li> <li>Colour:</li> <li>Smell:</li> </ul>	Liquid Light brown Pleasant
· pH-value at 20 °C:	7 - 8
<ul> <li>Change in condition</li> <li>Melting point/freezing point:</li> <li>Initial boiling point and boiling range:</li> </ul>	Not determined 100 ℃
· Flash point:	Not applicable
· Self-inflammability:	Product is not selfigniting.
· Explosive properties:	Product is not explosive.
· Steam pressure at 20 °C:	23 hPa
· Density at 20 °C	1 g/cm <sup>3</sup>
<ul> <li>Solubility in / Miscibility with Water:</li> </ul>	Fully miscible
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· 9.2 Other information

No further relevant information available.

#### **SECTION 10: Stability and reactivity**

- · 10.1 Reactivity No further relevant information available.
- 10.2 Chemical stability
- · Thermal decomposition / conditions to be avoided:
- No decomposition if used according to specifications.
- $\cdot$  10.3 Possibility of hazardous reactions No dangerous reactions known
- $\cdot$  10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products: No dangerous decomposition products known

## **SECTION 11: Toxicological information**

- · 11.1 Information on toxicological effects
- · Acute toxicity Based on available data, the classification criteria are not met.
- Primary irritant effect:
- · Skin corrosion/irritation Based on available data, the classification criteria are not met.
- · Serious eye damage/irritation
- Causes serious eye irritation.
- · Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- · 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 Based on available data, the classification criteria are not met.
- 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.

## **SECTION 12: Ecological information**

- · 12.1 Toxicity
- · Aquatic toxicity: No further relevant information available.
- 12.2 Persistence and degradability No further relevant information available.
- 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- 12.5 Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- · 12.6 Other adverse effects No further relevant information available.

## **SECTION 13: Disposal considerations**

- · 13.1 Waste treatment methods
- · Recommendation

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

- · Uncleaned packagings:
- Recommendation: Packaging can be reused or recycled after cleaning.

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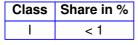
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· Recommended cleaning agent: Water, if necessary with cleaning agent.

SECTION 14: Transport information	on
· 14.1 UN-Number · ADR, ADN, IMDG, IATA	Void
<ul> <li>14.2 UN proper shipping name</li> <li>ADR, ADN, IMDG, IATA</li> </ul>	Void
<ul> <li>14.3 Transport hazard class(es)</li> </ul>	
· ADR · Class · ADN/R Class:	Void No dangerous good (ADR). Void
· 14.4 Packing group · ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Not applicable.
<ul> <li>14.7 Transport in bulk according to Anne of Marpol and the IBC Code</li> </ul>	ex II Not applicable.
· UN "Model Regulation":	Void

#### **SECTION 15: Regulatory information**

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
- · National regulations
- · Technical instructions (air):



- · Water hazard class: Water hazard class 2 (Self-assessment): hazardous for water.
- · 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## **SECTION 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

- H301 Toxic if swallowed.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H331 Toxic if inhaled.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- Department issuing data specification sheet: Department of Manufacture.

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# · Abbreviations and acronyms:

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· 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 Organisation
ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
* Data compared to the previous version altered.