

5. Fire-Fighting Measures

This product is not considered a fire hazard

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| Extinguishing Media: | Water spray, foam, powder, carbon dioxide |
| Special Exposure Hazards: | Do not release chemically contaminated water into drains, soil or surface water. Sufficient measures must be taken to retain the water used for extinguishing. Dispose of contaminated water and soil according to local regulations. Wear self-contained breathing apparatus. |

6. Accidental Release Measures

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| Personal Precautions: | Do not ingest or breathe in. Avoid contact with skin, eyes and clothing. |
| Environmental Precautions: | Prevent contamination of soil, drains and surface waters. |
| Measures in Case of Spillage: | Take up mechanically and collect in suitable container for disposal. Prevent product from entering drains. Wear protective clothing and breathing apparatus. |

7. Handling and Storage

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| Spec. Fire and Expl. Precautions: | No special measures required |
| Storage Conditions: | Store in cool, dry area with adequate ventilation. Avoid temperatures above 40°C and below 0°C |
| Shelf live | 6-12 months at room temperature (preferred between 15 and 24°C) |

8. Exposure Controls/Personal Protection

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| Exposure Limit(s): | None. Ensure adequate ventilation |
| Workplace Hygiene: | Keep away from food and drink. Follow good industrial hygiene practice. |
| Protective Measures: | |
| - Eye Protection: | Wear suitable goggles. |
| - Skin and Body Protection: | Wear suitable gloves |

9. Physical and Chemical Properties

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| Physical Form: | liquid dispersion |
| Color: | magenta |
| Odour: | Characteristic |
| Boiling point/range: | ca. 100 °C |
| Flash point: | > 100 °C |
| Oxidizing properties: | none |
| Density: | ~1.1g/cm ³ 20°C |
| Water solubility: | disperses |
| pH-Value: | 6-8 20g/l |
| Viscosity: | 2-8 20°C |

10. Stability and Reactivity

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| Stability of substance: | Stable under normal conditions |
| Conditions to avoid: | Avoid temperatures above 40°C and below 0°C |
| Materials to avoid: | Strong reducing agents. |
| | Oxidizing agents such as chlorates, bromates and nitrates |
| Hazard. Decomp. Products: | The substance arising from thermal decomposition of the product cannot be accurately predicted. Any fumes are potentially irritant/toxic and suitable protection should be worn. |

11. Toxicological Information

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|---------------------------|--|--------------|----------|
| Acute toxicity | - LD50 oral | > 2000 mg/kg | Rat |
| Primary irritation (Skin) | Non-irritant | Rabbit | OECD 404 |
| (Eye) | Non-irritant | Rabbit | OECD 405 |
| Adverse effects in man | Skin and/or eye irritation may occur on direct and prolonged contact | | |
| Additional information | | | |

12. Ecological Information

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|-------------------------------|---|
| Ecotoxicity | |
| Bacterial toxicity | IC50 > 320 mg/l 3 h |
| Fish toxicity | LC50 > 1000 mg/l 96 h Zebra fish OECD 203 |
| Summary | Not toxic or harmful to aquatic organisms |
| Persistence and degradability | |
| Bioelimination | 80-90%, DOC Analysis, OECD 302B |
| Summary | Eliminated by adsorption on effluent treatment sludge |
| Behaviour in treatment plants | No inhibition. No nitrification inhibition known |
| Additional Ecology Data | |
| BOD5 | 0 mgO2/g |
| COD | 1455 mgO2/g |
| Phosphorus content | 0 % |
| Organohalogen content | 0 % |
| Metal content | Metal content under the ETAD recommended limits |
| Tested material | |
| Additional information | |

13. Disposal Considerations

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| Product Disposal: | Removed material and/or unwanted product should be disposed of in accordance with local regulations |
| Disposal of unclean containers: | Consider local reuse or recycling. If this is not possible, dispose of as for product |

14. Transport Information

This product is not classified as dangerous for transport.

Keep separated from foodstuffs.

UN-No.: -

CDG-CPL classification: -

IMDG Page: -

ADR/RID: -

ICAO/IATA: -

15. Regulatory Information

Symbol and classification Not classified as hazardous

R-Phrases

S-Phrases

Contains

EU Guideline 99/45

16. Other Information

Do not inhale vapours and aerosols

List of relevant R R-phrases (Section 2)

R36: Irritating to eyes

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulations. The information contained herein is based on the present state of our knowledge and is intended to describe our product from the point of view of safety requirements. It should therefore not be construed as guaranteeing specific properties.