

FREEZOL



SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

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| TRADE NAME Recommended use MANUFACTURER Address Phone n° Fax n° E-mail | FREEZOL Anti Freeze Agent 3FFF LIMITED Unit B, 18 Brunel Road, Earlstree Industrial Estate, Corby, Northants, NN17 4JW, UNITED KINGDOM +44(0)1536 202919 or EMERGENCY N°+44 (0)7801 850011 +44(0)1536 263641 sales@3fff.co.uk |
|--|--|

2. HAZARDS IDENTIFICATION

| | |
|---|--|
| CLASSIFICATION / REGULATION Physical Hazards Health Hazards Environment Hazards LABEL ELEMENTS Symbols Danger Precaution | EC 1272/2008 (CLP/GHS) / / / / / / P264 Wash your hands thoroughly after handling P280 Wear protective clothing and gloves, eye or face protection |
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3. COMPOSITION AND INFORMATION ON INGREDIENTS

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|---|-----------------------|
| Characteristics Hazardous components | Blend of glycols / |
|---|-----------------------|

4. FIRST AID MEASURES

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| Skin contact Eye contact Swallowing Inhalation | Wash off with water. Remove contaminated soaked clothing and rinse with water Flush eye with plenty of water for at least 10 minutes maintaining open eyelids Wash mouth with water. Seek medical advice If there are any signs of nausea or sickness, seek medical advice |
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5. FIRE FIGHTING MEASURES

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| Extinguishing media Specific risks | Foam AR, CO2 Does not present specific risk in the case of fire |
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6. ACCIDENTAL RELEASE MEASURES

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| Personal precautions Environmental protection CLEANING MEASURES <ul style="list-style-type: none">CollectingCleaningDisposal | Wear goggles / face protection Absorb onto sand or other absorbent material and shovel into container for disposal Pump into clearly identified unbreakable containers Wash thoroughly with water Incineration according to local regulations |
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7. HANDLING AND STORAGE

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|---|---|
| HANDLING | Require protective equipment (see section 8) |
| STORAGE | Storage area should contain accidental spill Sealed containers in normal cool warehouse Product in bulk: stainless steel, polyester or mild steel protected with epoxy or polyurethane coating. Tanks in PE, PP |
| <ul style="list-style-type: none">• Technical measures• Storage conditions• Storage recommendations | |
| PACKAGING MATERIALS | Polyethylene, Polypropylene, stainless steel |
| <ul style="list-style-type: none">• Recommended• Not advised• Recommended sealing | Mild steel, iron Viton, Kevlar, Teflon |

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

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| PERSONAL PROTECTIVE EQUIPMENT | Impermeable gloves (PVC) if continual handling Goggles and/or face protection Working clothing |    |
| HYGIENIC MEASURES | Eye washing solution and washer eye cup DO NOT eat, drink or smoke while handling the product Clean hands after working with any chemical products |   |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| <ul style="list-style-type: none">• Physical form• Colour / Odour• pH at 20°C• Freezing point• Boiling point• Flammability / oxidising / explosive properties• Specific gravity at 20°C• Solubility | Liquid Green / Plastic smell 7.0 +/- 1.0 -30°C > +190°C None 1100 +/- 20 Kg/m ³ Soluble in water |
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10. STABILITY AND REACTIVITY

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| Thermal decomposition | Stable under normal conditions of use and storage |
| Hazardous reactions | None expected in standard use |

11. TOXICOLOGICAL DATA

| | |
|-----------------------------------|--------------------------------------|
| Acute toxicity | Not classified as toxic if swallowed |
| Local effects on the eye and skin | Not irritating to eyes and skin |



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12. ECOLOGICAL DATA

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|---|--|
| ENVIRONMENTAL BEHAVIOUR <ul style="list-style-type: none">• Biodegradation data• Biodegradation rate• Persistence• Bio accumulative• PBT and vPvB assessment | COD = 1163 gO ₂ /l BOD ₅ = 924 gO ₂ /l 79% after 5 days; FREEZOL is readily biodegradable FREEZOL is free of persistent components FREEZOL is free of bio accumulative components Not classified PBT or vPvB |
| ECOTOXICITY <ul style="list-style-type: none">• Toxicity data• Aquatic life toxicity | Not available Not expected to be toxic after dilution |

13. DISPOSAL CONDITIONS

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| PRODUCT <ul style="list-style-type: none">• Prohibition• Disposal | Do not discharge in the environment Small amounts of product do not interfere with water treatment facilities If released in sewage system accidentally, it is recommended to control a slow flow rate in order to avoid any excess foaming |
| PACKAGING <ul style="list-style-type: none">• Prohibition• Cleaning• Disposal | Do not discharge in the environment Rinse with plenty of water Incineration or an agreed method for package recycling |

14. TRANSPORT INFORMATION

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| INTERNATIONAL REGULATIONS <ul style="list-style-type: none">• Road - RID/ADR• Sea - OMI/MDG• Air - ICAO/IATA | Non hazardous Non hazardous Non hazardous |
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15. REGULATORY INFORMATION

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| Safety, human health and environmental regulations related to the product | Regulation EC 440/2008 on chemicals Directive 2008/98/EC on waste management Government Regulation 361/2007 for health protection at work Regulation EC 1907/2006 on REACH registration Regulation EC 1272/2008 on classification and labelling of chemicals |
|---|--|

16. OTHER INFORMATION

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| Rules of drafting Relevant Symbols Relevant H Statements Relevant P statements | This Safety Data Sheet complies with European Regulation EC 1272/2008 (CLP/GHS) / / P264. P280. |
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