

SAFETY DATA SHEET

SM-3 System Cleaner

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

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| 1.1 | Product identifier | SM-3 System Cleaner |
| 1.2 | Relevant identified uses of the substance or mixture and uses advised against | Domestic central heating treatment. Not suitable for use in PRIMATIC single feed cylinders. |
| 1.3 | Details of the supplier of the safety data sheet | Scalemaster Limited Emerald Way Stone Business Park STONE Staffordshire ST15 0SR Tel: 01785 811636 Email: info@scalemaster.co.uk Web:www.scalemaster.co.uk |
| 1.4 | Emergency telephone number | Tel: 01785 811636 Only available during office hours. |

SECTION 2: Hazards identification

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|-----|--|---|
| 2.1 | Classification of the substance or mixture | |
| | Classification according to regulation (EC) No 1272/2008 (CLP) | This product has no classification under CLP. |
| | Additional information | |
| 2.2 | Label elements | |
| | According to regulation (EC) No 1272/2008 (CLP) & (EU) No 453/2010 | This product has no label elements. |
| | Hazard pictograms | |
| | Signal words | |
| | Hazard statements | |
| | Precautionary statements | |
| 2.3 | Other hazards | This product is not identified as a PBT/vPvB substance. |

SECTION 3: Composition/information on ingredients

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|-----|------------------------|--|
| 3.1 | Substances | |
| 3.2 | Mixtures | |
| | Additional information | For full text of each hazard statement see Section 16. |

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

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|------------------------|--|
| Following inhalation | Consult a doctor if there are symptoms. |
| Following skin contact | Wash immediately with plenty of soap and water. |
| Following eye contact | Bathe the eye with running water for 15 minutes. |
| Following ingestion | Wash out mouth with water. |

4.2 Most important symptoms and effects, both acute and delayed

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|---------------------------|--|
| Following inhalation | No symptoms. |
| Following skin contact | There may be mild irritation at the site of contact. |
| Following eye contact | There may be irritation and redness. |
| Following ingestion | There may be irritation of the throat. |
| Delayed/immediate effects | No data available. |

4.3 Identification of any immediate medical attention and special treatment needed

Not applicable.

SECTION 5: Firefighting measures

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| 5.1 Extinguishing media | Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers. |
| 5.2 Special hazards arising from the substance or mixture | In combustion emits toxic fumes. |
| 5.3 Advice for firefighters | Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. |

SECTION 6: Accidental release measures

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| 6.1 Personal precautions, protective equipment and emergency procedures | Refer to section 8 of the SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. |
| 6.2 Environmental precautions | Contain the spillage using bunding. |
| 6.3 Methods and material for containment and cleaning up | Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. |
| 6.4 Reference to other sections | Refer to section 8 of SDS. |

SECTION 7: Handling and storage

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| 7.1 | Precautions for safe handling | Ensure there is sufficient ventilation of the area. |
| 7.2 | Conditions for safe storage, including any incompatibilities | Store in a cool, well ventilated area. Keep container tightly closed. Do not allow to freeze. |
| | Suitable packaging | Plastic. |
| 7.3 | Specific end use(s) | |

SECTION 8: Exposure controls/personal protection

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| 8.1 | Control parameters | |
| | Workplace exposure limits | No data available. |
| | DNEL/PNEC | No data available. |
| 8.2 | Exposure controls | |
| | Appropriate engineering controls | Avoid spilling, skin and eye contact. |
| | Individual protection measures such as personal protective equipment | |
| | Respiratory protection | Respiratory protection not required. |
| | Hand protection | Protective gloves. |
| | Eye protection | Safety glasses. Ensure eye bath is to hand. |
| | Skin protection | Protective clothing. |

SECTION 9: Physical and chemical properties

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|-----|---|------------------------------|
| 9.1 | Information on basic physical and chemical properties | |
| | State | Liquid. |
| | Colour | Colourless to slight yellow. |
| | Odour | Slightly aromatic. |
| | pH | 6.0 - 8.0 |
| | Relative density | 1.03 - 1.07 |
| | Solubility | Miscible. |
| 9.2 | Other information | No data available. |

SECTION 10: Stability and reactivity

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|------|------------------------------------|--|
| 10.1 | Reactivity | Stable under recommended transport or storage conditions. |
| 10.2 | Chemical stability | Stable under normal conditions. |
| 10.3 | Possibility of hazardous reactions | Hazardous reactions will not occur under normal transport or storage conditions. |
| 10.4 | Conditions to avoid | Freezing conditions. |
| 10.5 | Incompatible materials | None known. |
| 10.6 | Hazardous decomposition products | In combustion emits toxic fumes. |

SECTION 11: Toxicological information

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|------|--------------------------------------|--|
| 11.1 | Information on toxicological effects | |
| | Toxicity values | No data available. |
| | Symptoms/routes of exposure | |
| | Ingestion (swallowing) | There may be irritation of the throat. |
| | Inhalation | No symptoms. |
| | Skin contact | There may be mild irritation at the site of contact. |
| | Eye contact | There may be irritation and redness. |

SECTION 12: Ecological information

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|------|------------------------------------|---|
| 12.1 | Toxicity | |
| | Ecotoxicity values | No data available. |
| 12.2 | Persistence and degradability | Biodegradable. |
| 12.3 | Bioaccumulative potential | No bioaccumulation potential. |
| 12.4 | Mobility in soil | Readily absorbed into soil. |
| 12.5 | Results of PBT and vPvB assessment | This product is not identified as a PBT/vPvB substance. |
| 12.6 | Other adverse effects | Negligible ecotoxicity. |

SECTION 13: Disposal considerations

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| 13.1 | Waste treatment methods | |
| | Disposal operations | Not applicable. |
| | Recovery operations | Not applicable. |
| | Disposal of packaging | Dispose of as normal industrial waste. |

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport information

Transport class This product does not require a classification for transport.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Not applicable.

15.2 Chemical safety assessment

SECTION 16: Other information

Indication of changes * Indicates text in the SDS which has changed since the last revision.

Abbreviations and acronyms

| | |
|--------|--|
| ACLG | Approved Classification and Labelling Guide |
| CAS No | Chemical Abstracts Service Number |
| CLP | Classification, Labelling and Packaging Regulations (EC) 1272/2008 |
| DNEC | Derived No Effect Level |
| EC No | EINECS number |
| EINECS | European Inventory of Existing Commercial Substances |
| LTEL | Long Term Exposure Limit |
| PBT | Persistent, Bioaccumulative and Toxic Substances |
| PNEC | Predicted No Effect Level |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulations |
| SDS | Safety Data Sheet |
| SVHC | Substances of Very High Concern |
| TWA | Time Weighted Average |
| UN | United Nations |
| vPvB | Very Persistent and Very Bioaccumulative |

Literature references and sources of data This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Full text of hazard statements listed in Section 3. Not applicable.

This information is based on the present state of our knowledge.

Legal disclaimer The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.