

SAFETY DATA SHEET

SM-Pro Cleaner & Restorer 300ml (Canister)

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

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| 1.1 | Product identifier | Scalemaster SM-Pro Cleaner & Restorer 300ml (Pressurised Canister) |
| 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) | Press. Gas: H280. |
| | Additional information | Most important adverse effects: Contains gas under pressure; may explode if heated. |
| 2.2 | Label elements | |
| | According to regulation (EC) No 1272/2008 (CLP) & (EU) No 2015/830 | |
| | Hazard pictograms | GHS04: Gas cylinder |
| | |  |
| | Signal words | Warning |
| | Hazard statements | H280: Contains gas under pressure; may explode if heated. |
| | Precautionary statements | P410+P403: Protect from sunlight. Store in a well-ventilated place. |
| 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 | Chemical identity: Scalemaster SM-Pro Cleaner. |
| 3.2 | Mixtures | |
| | Additional information | For full text of each hazard statement see Section 16. |

SECTION 4: First aid measures

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| 4.1 | Description of first aid measures | |
| | General notes | |
| | 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. Give 1 cup of water to drink every 10 minutes. |
| 4.2 | Most important symptoms and effects, both acute and delayed | |
| | Following inhalation | There may be irritation of nose, throat and lungs. |
| | 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. Ensure there is sufficient ventilation of the area. |
| | 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 | Barely perceptible odour. |
| | pH | 6.5 - 7.5 |
| | Relative density | 1.18 - 1.20 |
| | 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 | Heat. Freezing conditions. |
| 10.5 | Incompatible materials | Strong oxidising agents. Strong acids. |

10.6 Hazardous decomposition products

In combustion emits toxic fumes.

SECTION 11: Toxicological information

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

There may be irritation of nose, throat and lungs.

Skin contact

There may be mild irritation at the site of contact.

Eye contact

There may be irritation and redness.

SECTION 12: Ecological information

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

13.1 Waste treatment methods

Disposal operations

Transfer to a suitable container and arrange for collection by specialised disposal company.

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

14.1 UN number

UN number: UN1950

14.2 UN proper shipping name

Shipping name: AEROSOLS (IATA ONLY), NON-FLAMMABLE

14.3 Transport hazard class(es)

Transport class: 2.2

14.4 Packing group

14.5 Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6 Special precautions for user

Special precautions: No special precautions.

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
STOT	Specific target organ toxicity (-single/repeated exposure)
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 2015/830.

Full text of hazard statements listed in Section 3.

H280: Contains gas under pressure; may explode if heated.

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.