

Issued: 14/05/2015

Revision number: 1 (2 0515) 67

SAFETY DATA SHEET

SM-4 Sludge Remover

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

1.1 Product identifier SM-4 Sludge Remover

Relevant identified uses of the 12 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

Tel: 01785 811636 1.4 Emergency telephone number

Only available during office hours.

SECTION 2: Hazards identification

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

3.1 Substances

3.2 Mixtures

> Additional information For full text of each hazard statement see Section 16.



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SECTION 4: First aid measures

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.

4.2 Most important symptoms and

effects, both acute and

delayed

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

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

emergency procedures

6.1 Personal precautions, Protective equipment and 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.



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SECTION 7: Handling and storage

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

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

9.1 Information on basic physical and chemical properties

State Liquid.

Colour Colourless to slight yellow.

Odour Slightly aromatic.

pH 8.0 - 9.0 Relative density 1.01 Solubility Miscible.

9.2 Other information No data available.



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SECTION 10: Stability and reactivity

10.1 Reactivity Stable under recommended transport or storage conditions.

10.2 Chemical stability Stable under normal conditions.

10.3 Possibility of hazardous Hazardous reactions will not occur under normal transport or storage

reactions

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

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

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 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.



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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.