

SAFETY DATA SHEET

ECO Drain and Toilet Cleaner

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

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|-----|---|---|
| 1.1 | Product identifier | Scalemaster ECO Drain and Toilet Cleaner 750ml |
| 1.2 | Relevant identified uses of the substance or mixture and uses advised against | Naturally derived descaling product for treating and unblocking pipework. |
| 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) | EUH208 |
| | Additional information | Most important adverse effects:-
Contains amylase, alpha-, cellulase. May produce an allergic reaction. |
| 2.2 | Label elements | |
| | According to regulation (EC) No 1272/2008 (CLP) & (EU) No 453/2010 | |
| | Hazard pictograms | |
| | Signal words | |
| | Hazard statements | EUH208: Contains amylase, alpha-, cellulase. May produce an allergic reaction. |
| | Precautionary statements | P261: Avoid breathing vapours.
P264: Wash hands thoroughly after handling.
P402+404: Store in a dry place. Store in a closed container. |
| 2.3 | Other hazards | PBT: This product is not identified as a PBT/vPvB substance. |

SECTION 3: Composition/information on ingredients

3.1 Substances

3.2 Mixtures

Hazardous ingredients:

PROPAN-2-OL

EINECS	CAS No	PBT/WEL	(EC) No 1272/2008 Classification	% w/w
200-661-7	67-63-0	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	1-10%

AMYLASE, ALPHA-

232-565-6	9000-90-2	-	Resp. Sens. 1: H334	<1%
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CELLULASE

232-734-4	9012-54-8	-	Resp. Sens. 1: H334	<1%
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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

Following inhalation	Remove casualty from exposure ensuring one's own safety whilst doing so.
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.

Self-protection for the first aider

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 symptoms.

4.3 Identification of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

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|-----|---|--|
| 5.1 | Extinguishing media | Suitable extinguishing media for the surrounding fire should be used. |
| 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 SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. |
| 6.2 | Environmental precautions | Do not discharge into drains or rivers. 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 | Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

Avoid the formation or spread of mists in the air. |
| 7.2 | Conditions for safe storage, including any incompatibilities | Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids. |
| | Suitable packaging | Plastic. |
| 7.3 | Specific end use(s) | No data available. |

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Hazardous ingredients

PROPAN-2-OL

Workplace exposure limits			Respirable dust	
State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	999 mg/m ³	1250 mg/m ³	-	-

DNEL/PNEC

No data available.

8.2 Exposure controls

Appropriate engineering controls

The floor of the storage room must be impermeable to prevent the escape of liquids.

Individual protection measures such as personal protective equipment

Respiratory protection

Respiratory protection not required.

Hand protection

Protective gloves.

Eye protection

Safety glasses.

Skin protection

Protective clothing.

Environmental exposure controls

The floor of the storage room must be impermeable to prevent the escape of liquids.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State	Liquid
Colour	Dark green
Odour	Pleasant
Evaporation Rate	No data available
Oxidising	No data available
Solubility in water	Miscible
Boiling point/range °C	>100
Relative density	1.03
pH	4-5

9.2 Other information

No data available.

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 reactions	Hazardous reactions will not occur under normal transport or storage conditions.
10.4	Conditions to avoid	Heat.
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

Hazardous ingredients

PROPAN-2-OL

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

AMYLASE, ALPHA-

ORL	MUS	LD50	>15	gm/kg
ORL	RAT	LD50	>7500	mg/kg

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.

Delayed / immediate effects

No symptoms.

SECTION 12: Ecological information**12.1 Toxicity**

Ecotoxicity values No data available.

12.2 Persistence and degradability Not readily biodegradable.

12.3 Bioaccumulative potential No data available.

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 Toxic to aquatic organisms. Toxic to soil organisms.

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

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

15.2 Chemical safety assessment

SECTION 16: Other information

Indication of changes

Abbreviations and acronyms

ACLG	Approved Classification and Labelling Guide
CAS No	Chemical Abstracts Service Number
CLP	Classification, Labelling and Packaging Regulations (EC) 1272/2008
DNEL	Derived No Effect Level
EC No	EINECS number
EC50	Concentration that causes 50% of maximum effect in stated time period
EINECS	European INventory of Existing Commercial Substances
LD50 (LC50)	Lethal dose (or concentration) at which 50% of the population will be killed in stated time period
LDLO	Lowest lethal dose tested
LTEL	Long Term Exposure Limit
PBT	Persistent, Bioaccumulative and Toxic Substances
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulations
SDS	Safety Data Sheet
STEL	Short Term Exposure Limit
SVHC	Substances of Very High Concern
TWA	Time Weighted Average
UN	United Nations
vPvB	Very Persistent and Very Bioaccumulative
WEL	Workplace Exposure Limits

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.

EUH208: Contains amylase, alpha-, cellulase. May produce an allergic reaction.
H225: Highly flammable liquid and vapour.
H319: Causes serious eye irritation.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H336: May cause drowsiness or dizziness.

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.