

SAFETY DATA SHEET

SANITISING FLUID

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

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|-----|---|---|
| 1.1 | Product identifier | Sanitising Fluid 1litre |
| 1.2 | Relevant identified uses of the substance or mixture and uses advised against | PC8: Biocidal products (e.g. Disinfectants, pest control) |
| 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) | Eye Irrit. 2: H319 |
| | Most important adverse effects | Causes serious eye irritation. |

2.2 Label elements

According to regulation (EC) No 1272/2008 (CLP) & (EU) No 2015/830

Hazard pictograms

GHS07: Exclamation mark



Signal words

Warning

Hazard statements

H319: Causes serious eye irritation

Precautionary statements

P264: Wash hands, forearms and face thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

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:

EINECS	CAS	PBT/WEL	(EC) No 1272/2008 classification (CLP)	Percent
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HYDROGEN PEROXIDE SOLUTION

231-765-0	7722-84-1	-	Ox. Liq. 1: H271; Acute Tox. 4: H332; Acute Tox. 4: H302; Skin Corr. 1A: H314	1-10%
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ORTHOPHOSPHORIC ACID

231-633-2	7664-38-2	-	Skin Corr. 1B: H314	1-10%
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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	Not applicable.
Following skin contact	Wash immediately with plenty of soap and water.
Following eye contact	Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
Following ingestion	Wash out mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

Following inhalation	There may be irritation of the throat with a feeling of tightness in the chest.
Following skin contact	There may be irritation and redness at the site of contact.
Following eye contact	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
Following ingestion	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Delayed/immediate effects	Immediate effects can be expected after short-term exposure.

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 | Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - section 8 of SDS. 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 | Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Plastic. |
| 7.3 | Specific end use(s) | No data available. |

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Hazardous ingredients

Work place exposure limits

HYDROGEN PEROXIDE SOLUTION...100%

Workplace exposure limits			Respirable dust	
State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1.4 mg/m3	2.8 mg/m3	-	-

ORTHOPHOSPHORIC ACID...100%

Workplace exposure limits			Respirable dust	
State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1 mg/m3	2 mg/m3	-	-

DNEL/PNEC

No data available.

8.2 Exposure controls

Appropriate engineering controls

Ensure there is sufficient ventilation of the area.

Individual protection measures
such as personal protective
equipment

Respiratory protection	Self-contained breathing apparatus must be available in case of emergency.
Hand protection	Protective gloves.
Eye protection	Tightly fitting safety goggles. Ensure eye bath is to hand.
Skin protection	Protective clothing.
Environmental	Refer to specific Member State legislation for requirements under Community environmental legislation

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State	Liquid.
Colour	Colourless.
Odour	Characteristic odour
Solubility in water	Miscible
Relative density	1.04 - 1.08

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. Decomposition may occur on exposure to conditions or materials listed below.
10.4	Conditions to avoid	Heat.
10.5	Incompatible materials	Materials to avoid: 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

HYDROGEN PEROXIDE SOLUTION...100%

ORAL	MUS	LD50	2	gm/kg
ORAL	RAT	LD50	376	mg/kg
SKN	RAT	LD50	4060	mg/kg

ORTHOPHOSPHORIC ACID...100%

ORAL	RAT	LD50	1530	mg/kg
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Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms/routes of exposure

Ingestion (swallowing)	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.
Skin contact	There may be irritation and redness at the site of contact.
Eye contact	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
Delayed/immediate effects	Immediate effects can be expected after short-term exposure.

SECTION 12: Ecological information

12.1 Toxicity

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

14.1 UN number

UN Number

14.2 UN proper shipping name

Shipping name	NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF THE TRANSPORT REGULATIONS
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14.3 Transport hazard class(es)

14.4 Packing group

14.5 Environmental hazards	Environmentally hazardous: No.
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Marine pollutant: No.

14.6 Special precautions for user	No special precautions.
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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 A chemical safety assessment has not been carried out for the substance or mixture by the supplier.

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
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 detected lethal dose
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
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 Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Full text of hazard statements listed in Sections 2 & 3.

Hazard statements in full

H271	May cause fire or explosion; strong oxidiser
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled

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.