

## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Scale away.

Revision 0  
Revision date 2015-06-01

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

#### 1.1. Product identifier

Product name	Scale away.
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#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Description	Restricted to professional users.
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#### 1.3. Details of the supplier of the safety data sheet

Company	Serchem Limited
Address	Heatherset Arleston, off Dawley Road Wellington, Telford Shropshire TF1 2LY United Kingdom
Web	www.serchem.co.uk
Telephone	01952 223130
Fax	01952 222012
Email	support@serchem.co.uk
Email address of the competent person	production@serchem.co.uk

#### 1.4. Emergency telephone number

Emergency telephone number	01952 223130 9.00 am - 5.00 pm Mon - Fri
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#### Further information


	Contact out of hours : 07734874648 Mr A Arnold.
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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Skin Corr. 1B: H314;
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#### 2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
Precautionary Statement: Prevention	P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.

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## 2.2. Label elements

<b>Precautionary Statement: Response</b>	<p>P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.</p> <p>P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 -Immediately call a POISON CENTER/doctor/ .</p> <p>P321 - Specific treatment (see on this label).</p> <p>P363 - Wash contaminated clothing before reuse.</p>
<b>Precautionary Statement: Storage</b>	P405 - Store locked up.
<b>Precautionary Statement: Disposal</b>	P501 - Dispose of contents/container to waste

## 2.3. Other hazards

<b>Other hazards</b>	This product is not classed as a PBT Substance.
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## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## 67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Phosphoric acid...% (Orthophosphoric acid)	015-011-00-6	7664-38-2	231-633-2		1 - 10%	C; R34	

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Phosphoric acid...% (Orthophosphoric acid)	015-011-00-6	7664-38-2	231-633-2		1 - 10%	Skin Corr. 1B; H314;	

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	Remove casualty from exposure ensuring one's own safety whilst doing so. Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Avoid contact with eyes. Remove casualty from exposure ensuring one's own safety whilst doing so. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. Wash with water.
<b>Skin contact</b>	Avoid contact with skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Remove casualty from exposure ensuring one's own safety whilst doing so. Seek medical attention if irritation or symptoms persist. Wash with water.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. May cause irritation to mucous membranes. Remove casualty from exposure ensuring one's own safety whilst doing so. Rinse mouth thoroughly. Seek medical attention if irritation or symptoms persist.

## 4.2. Most important symptoms and effects, both acute and delayed

<b>Inhalation</b>	Remove the affected person from the source of contamination immediately. Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Avoid contact with eyes. Remove the affected person from the source of contamination immediately. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. Wash with water.
<b>Skin contact</b>	Avoid contact with skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Remove the affected person from the source of contamination immediately. Seek medical attention if irritation or symptoms persist. Wash with water.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. May cause irritation to mucous membranes. Remove the affected person from the source of contamination immediately. Rinse mouth thoroughly. Seek medical attention if irritation or symptoms persist.

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## 4.3. Indication of any immediate medical attention and special treatment needed

Inhalation	If you feel unwell, seek medical advice (show the label where possible). Never give anything by mouth to an unconscious person. Remove the affected person from the source of contamination immediately.
Eye contact	Remove the affected person from the source of contamination immediately. Seek medical attention if irritation or symptoms persist.
Skin contact	Avoid contact with eyes. Remove the affected person from the source of contamination immediately. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. Wash with water.
Ingestion	Avoid contact with skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Remove the affected person from the source of contamination immediately. Seek medical attention if irritation or symptoms persist. Wash with water.
	DO NOT INDUCE VOMITING. Remove the affected person from the source of contamination immediately. Seek medical attention if irritation or symptoms persist.

## General information

	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Avoid contact with skin and eyes. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Remove casualty from exposure ensuring one's own safety whilst doing so. Remove contaminated clothing. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. Wash with water.
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## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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## 5.2. Special hazards arising from the substance or mixture

	Avoid contact with eyes. In case of accident by inhalation: remove casualty to fresh air and keep at rest. Move containers away from fire if it can be done without risk. Remove casualty from exposure ensuring one's own safety whilst doing so. Remove contaminated clothing. Use extinguishing media appropriate to the surrounding fire conditions.
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## 5.3. Advice for firefighters

	Protective equipment. Self-contained breathing apparatus. Wear suitable respiratory equipment when necessary.
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## SECTION 6: Accidental release measures

## 6.1. Personal precautions, protective equipment and emergency procedures

	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Open container carefully. Provide eye wash station. Wash with water. Wear suitable protective clothing, gloves and eye/face protection.
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## 6.2. Environmental precautions

	Flush down the drain with plenty of water. Wash with water. Clean spillage area thoroughly with plenty of water.
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## 6.3. Methods and material for containment and cleaning up

	Clean spillage area thoroughly with plenty of water. Empty containers can be cleaned with water. Wear suitable protective clothing, gloves and eye/face protection.
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## 6.4. Reference to other sections

	See section 2,3,8,13 for further information.
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## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

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## 7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Handle and open container with care. Keep only in the original container in a cool, well-ventilated place. Keep out of the reach of children. Wear suitable protective clothing, gloves and eye/face protection. When using do not eat, drink or smoke.

## 7.2. Conditions for safe storage, including any incompatibilities

Keep only in the original container. Keep out of the reach of children. Store at temperatures between 5 °C and 25 °C. Store in original container. Avoid storing the product in the vicinity of strong oxidising agents, alkaline materials, and other acids.

## Suitable packaging

Keep only in the original container in a cool, well-ventilated place. Store in original container.

## 7.3. Specific end use(s)

Avoid contact with eyes. Avoid contact with skin. Do not eat, drink or smoke in areas where this product is used or stored. Keep out of the reach of children. Wear suitable gloves. Wear suitable protective clothing. Wear suitable protective equipment.

## Suitable packaging

Do NOT mix with any other product. Intended use.

## SECTION 8: Exposure controls/personal protection

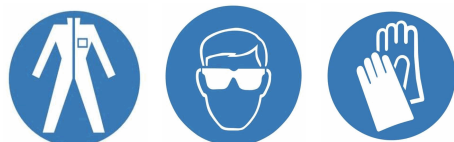
## 8.1. Control parameters

See section 8.2 for further information.

## 8.1.1. Exposure Limit Values

Phosphoric acid...% (Orthophosphoric acid)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 1
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: 2
	WEL 8-hr limit mg/m3 total -	WEL 15 min limit mg/m3 total -
	inhalable dust: -	inhalable dust: -
	WEL 8-hr limit mg/m3 total -	WEL 15 min limit mg/m3 total -
	respirable dust: -	respirable dust: -

## 8.2. Exposure controls



## 8.2.1. Appropriate engineering controls

Engineering measures. Ensure adequate ventilation of the working area. Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store at temperatures above 5 °C. Store at temperatures below 25 °C.

## 8.2.2. Individual protection measures

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Wear protective clothing. Wear suitable gloves and eye/face protection.

## Eye / face protection

Avoid contact with eyes. Eye wash bottle with water. Provide eye wash station. Wear eye/face protection.

Skin protection -  
Handprotection

Wear suitable gloves.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

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## 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Red
Odour	Slight
Odour threshold	
pH	1 - 2
Vapour pressure	
Vapour density	
Viscosity	
Solubility	Soluble in water

## 9.2. Other information

Conductivity	
Surface tension	
Specific gravity	1.1 - 1.2
Gas group	

## SECTION 10: Stability and reactivity

## 10.2. Chemical stability

	Materials to avoid : Strong oxidizing agents, strong alkalis, and other acids. Keep in a cool, dry, well ventilated area. Stable under normal conditions. Will not decompose if stored and used as recommended. Heating produces hazardous fumes.
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## 10.3. Possibility of hazardous reactions

	Keep only in the original container in a cool, well-ventilated place away from oxidizing agents, alkalis, and other acids.
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## 10.4. Conditions to avoid

	Alkalis. Keep away from oxidizing agents, alkalis, and other acids. Store at temperatures above 5 °C. Store at temperatures below 25 °C.
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## 10.5. Incompatible materials

	Acids. Alkalis. Oxidising agents. Strong bases.
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## 10.6. Hazardous decomposition products

	Will not decompose if stored and used as recommended.
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## SECTION 11: Toxicological information

## 11.1.4. Toxicological Information

	No data available
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## SECTION 12: Ecological information

## 12.1. Toxicity

	No data available
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## SECTION 13: Disposal considerations

## Disposal methods

	Flush down the drain with plenty of water. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. Local and national regulations.
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## Disposal of packaging

	Empty containers can be cleaned with water. Empty containers can be sent for disposal or recycling. Local and national regulations.
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## SECTION 14: Transport information

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## 14.1. UN number

The product is not classified as dangerous for carriage.

## 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

## 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

## 14.4. Packing group

The product is not classified as dangerous for carriage.

## 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

## 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

## SECTION 15: Regulatory information

## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

## Regulations

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

## SECTION 16: Other information

## Other information

## Text of risk phrases in Section 3

R34 - Causes burns.

## Text of Hazard Statements in Section 3

Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.

## Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.