

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Maximum pH Plus

Revision 3

Revision date 2013-08-01

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

1.1. Product identifier

Product name	Maximum pH Plus
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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 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

	Out of office hours : contact 07734 874648 Mr A Arnold.
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	Xi; R36/38 Symbols: Xi: Irritant.	
Main hazards	Irritating to eyes and skin.	

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
Potassium polyphosphate aqueous solution Disodium metasilicate	014-010-00-8	6834-92-0	229-912-9			C; R34 Xi; R37

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	If you feel unwell, seek medical advice (show the label where possible). In case of accident by
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4.1. Description of first aid measures

	inhalation: remove casualty to fresh air and keep at rest.
Eye contact	Avoid contact with eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. Wash with water.
Skin contact	Avoid contact with skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Remove all contaminated clothes and footwear immediately unless stuck to skin. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
Ingestion	DO NOT INDUCE VOMITING. If swallowed, rinse mouth with water (only if the person is conscious). Rinse mouth thoroughly. Seek medical attention if irritation or symptoms persist.

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

Inhalation	Remove the affected person from the source of contamination immediately. Seek medical attention if irritation or symptoms persist.
Eye contact	Avoid contact with eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. Wash with water.
Skin contact	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. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
Ingestion	DO NOT INDUCE VOMITING. If you feel unwell, seek medical advice (show the label where possible). Remove the affected person from the source of contamination immediately. Rinse mouth thoroughly.

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). Remove the affected person from the source of contamination immediately.
Eye contact	Avoid prolonged or repeated exposure. Remove the affected person from the source of contamination immediately. Seek medical attention if irritation or symptoms persist.
Skin contact	Avoid contact with eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
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. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
	DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label. Rinse mouth thoroughly. Remove the affected person from the source of contamination immediately.

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

	Move containers away from fire if it can be done without risk. No Significant Hazard. The product is classified as non hazardous. This product is not flammable. Do not empty into drains. Do not empty into drains; dispose of this material and its container in a safe way.
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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. Wash all contaminated clothing before reuse. Wear suitable protective clothing, gloves and eye/face protection.
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6.2. Environmental precautions

Do not allow product to enter drains. Do not allow runoff water to enter sewers or drains. Do not empty into drains. Do not empty into drains; dispose of this material and its container in a safe way. Environmental precautions.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Empty containers can be sent to landfill after cleaning, if in compliance with Local regulation, local and national regulations. Wear suitable protective clothing, gloves and eye/face protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Keep container tightly closed and dry. Keep locked up and 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 container tightly closed and dry. Keep only in the original container. Keep out of the reach of children. Store at temperatures between 5 °C and 25 °C. Store in correctly labelled containers. Store in original container.

Suitable packaging

Store in original container.

7.3. Specific end use(s)

Avoid contact with eyes. Avoid contact with skin. Keep container dry. Keep container tightly closed. Keep out of the reach of children. Wear suitable gloves. Wear suitable protective clothing. When using do not eat or drink. When using do not smoke.

Suitable packaging

Intended use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No exposure limits noted for ingredient(s).

8.2. Exposure controls



8.2.1. Appropriate engineering controls

Control parameters. Engineering measures. Ensure adequate ventilation of the working area. Keep containers tightly closed.

8.2.2. Individual protection measures

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Remove contaminated clothing. Wash all contaminated clothing before reuse. Wear suitable gloves and eye/face protection.

Eye / face protection

Provide eye wash station. Wear eye/face protection.

Skin protection - Handprotection

Wear suitable gloves.

Skin protection - Other

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

State	Liquid
Colour	Colourless
pH	13 - 14
Boiling point	100
Flash point	48

9.2. Other information

Specific gravity	1.15
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SECTION 10: Stability and reactivity

10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	No Significant Hazard.
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10.4. Conditions to avoid

	Do NOT allow to freeze. Keep away from heat. Protect from frost. Store at temperatures between 5 °C and 25 °C.
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10.5. Incompatible materials

	Will not decompose if stored and used as recommended. Avoid contact with: other detergent materials. Do not mix with bleach or strong oxidising agents.
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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

	This material and its container must be disposed of in a safe way.
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Disposal of packaging

	Containers can be recycled if in compliance with Local and national regulations. This material and its container must be disposed of in a safe way.
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SECTION 14: Transport information

ADR/RID

	The product is not classified as dangerous for carriage.
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IMDG

	The product is not classified as dangerous for carriage.
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IATA

	The product is not classified as dangerous for carriage.
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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
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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

	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.
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Labelling

Symbols	<p>Xi: Irritant.</p> 
Risk phrases	R36/38 - Irritating to eyes and skin.
Safety phrases	<p>S2 - Keep out of the reach of children.</p> <p>S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</p> <p>S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.</p>

SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas:.
	8 - 8.1. Control parameters.
Text of risk phrases in Section 3	<p>R34 - Causes burns.</p> <p>R37 - Irritating to respiratory system.</p>