

SAFETY DATA SHEET
according to Regulation (EU) 2015/830

Process pH Plus Alkaline Instrument Cleaner

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

1.1. Product identifier

Product name	Process pH Plus Alkaline Instrument Cleaner
Product code	All

1.2. Relevant identified uses of the substance or mixture and uses advised against

Description	Detergent.
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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 office hours : 07734 874648 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 Irrit. 2: H315; Eye Irrit. 2: H319;
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2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation.

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2.2. Label elements

Precautionary Statement: Prevention	P264 - Wash thoroughly after handling.
	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P302+P352 - IF ON SKIN: Wash with plenty of water/ .
	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P321 - Specific treatment (see on this label).
	P332+P313 - If skin irritation occurs: Get medical advice/attention.
	P337+P313 - If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

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

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Disodium Cocoiminodipropionate 1					1 - 10%	Eye Irrit. 2: H319;
Sodium N-(2-carboxyethyl)-N-(2-ethylhexyl)-beta-alaninate		94441-92-6	305-318-6		1 - 10%	
Potassium polyphosphate aqueous solution					1 - 10%	Eye Irrit. 2: H319;
Disodium metasilicate	014-010-00-8	6834-92-0	229-912-9		1 - 10%	Skin Corr. 1B: H314; STOT SE 3: H335;

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Remove casualty from exposure ensuring one's own safety whilst doing so. Seek medical attention if irritation or symptoms persist.
Eye contact	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.
Skin contact	Avoid contact with skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Seek medical attention if irritation or symptoms persist. Wash with water.
Ingestion	DO NOT INDUCE VOMITING. 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. 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.
Skin contact	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Avoid contact with skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Seek medical attention if irritation or symptoms persist. Wash with water.
Ingestion	DO NOT INDUCE VOMITING. Rinse mouth thoroughly. Seek medical attention if irritation or symptoms persist. Remove the affected person from the source of contamination immediately.

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. 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

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

Skin contact	open. Seek medical attention if irritation or symptoms persist. Wash with water. Remove the affected person from the source of contamination immediately.
Ingestion	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Avoid contact with 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. Rinse mouth thoroughly. Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

	No Significant Hazard.
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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. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Eye protection. Wear suitable protective clothing, gloves and eye/face protection.
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6.2. Environmental precautions

	Clean spillage area thoroughly with plenty of water. Clean the area using a vacuum cleaner. Do not empty into drains; dispose of this material and its container in a safe way.
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6.3. Methods and material for containment and cleaning up

	Containers can be recycled if in compliance with local and national regulations. Wear suitable protective clothing, gloves and eye/face protection. Clean spillage area thoroughly with plenty of water. Clean the area using a vacuum cleaner.
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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

	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Do not empty into drains; dispose of this material and its container in a safe way. Handle and open container with care. Keep only in the original container. Keep out of the reach of children. Wear suitable protective clothing, gloves and eye/face protection.
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7.2. Conditions for safe storage, including any incompatibilities

Suitable packaging	Handle and open container with care. Keep containers tightly closed. Keep only in the original container. Store at temperatures between 5 °C and 25 °C. Keep container tightly closed and dry. Store in original container.
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7.3. Specific end use(s)

	Detergent.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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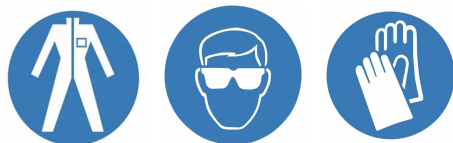
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8.1. Control parameters

See section 8.2 for further information.

8.2. Exposure controls



8.2.1. Appropriate engineering controls

Keep in a cool, dry, well ventilated area. Store at temperatures above 5 °C. Store at temperatures below 25 °C. Engineering measures. 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. Wear suitable gloves and eye/face protection. Wear suitable protective clothing. Wear suitable protective equipment.

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

Appearance	Liquid
Colour	Blue
Odour	Pleasant
Odour threshold	Not required
pH	12 - 13
Melting point	Not applicable.
Initial boiling point	100
Vapour pressure	Not required
Vapour density	Not required
Relative density	0
Viscosity	Not determined
Solubility	Soluble in water

9.2. Other information

Conductivity	Not determined
Surface tension	Not determined
Specific gravity	1 - 1.1
Gas group	Not required

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Do not mix with other detergent materials.

10.4. Conditions to avoid

Keep only in the original container at a temperature not exceeding 25 °C. Store at temperatures above 5 °C. .

10.5. Incompatible materials

Will not decompose if stored and used as recommended. Keep away from bleach or strong oxidisers.

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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

	Do not empty into drains; dispose of this material and its container in a safe way. Local and national regulations.
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Disposal of packaging

	Can be recycled if in compliance with local and national regulations. Clean the empty containers first with plenty of water.
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SECTION 14: Transport information

14.1. UN number

	The product is not classified as dangerous for carriage.
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14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
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14.3. Transport hazard class(es)

	The product is not classified as dangerous for carriage.
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14.4. Packing group

	The product is not classified as dangerous for carriage.
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14.5. Environmental hazards

	The product is not classified as dangerous for carriage.
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14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
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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.
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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 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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SECTION 16: Other information**Other information**

Text of Hazard Statements in Section 3	Not suitable for the cleaning of Flexible Endoscopes.
	Eye Irrit. 2: H319 - Causes serious eye irritation.
	Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
	STOT SE 3: H335 - May cause respiratory irritation.

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.
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