

**SAFETY DATA SHEET**  
according to Regulation (EU) 2020/878

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**Alpha C.A. Acidic Rinse Agent**

Revision 6  
Revision date 2023-02-14

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

**1.1. Product identifier**

Product name	Alpha C.A. Acidic Rinse Agent
Product code	1071CA/1071CAU/1077CA

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

Description	Rinse aid.
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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 The National Poisons Information Service (NPIS) Industry: sds.npis@nhs.net Public: NHS 111 (England), NHS 24 (Scotland) or NHS Direct (Wales)
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**Further information**

Contact out of office hours :07734 874648 Mr A Arnold.

**SECTION 2: Hazards identification**

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

2.1.2. Classification - EC 1272/2008	Eye Irrit. 2: H319;
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**2.2. Label elements**

**Hazard pictograms**



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## 2.2. Label elements

Signal Word	Warning
Hazard Statement	Eye Irrit. 2: H319 - Causes serious eye irritation.
Precautionary Statement: Prevention	P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	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

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
Citric acid		5949-29-1	201-069-1		1 - 10%	Eye Irrit. 2: H319;
Ethoxylated alcohol polymer		69013-18-9			1 - 10%	
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7		1 - 10%	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

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. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
Ingestion	DO NOT INDUCE VOMITING. 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

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. Seek medical attention if irritation or symptoms persist. Wash with water.
Ingestion	DO NOT INDUCE VOMITING. Remove the affected person from the source of contamination immediately. Seek medical attention if irritation or symptoms persist. Rinse mouth thoroughly.

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

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. Seek medical attention if irritation or symptoms persist. Wash with water.
Ingestion	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.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

### 5.2. Special hazards arising from the substance or mixture

Use extinguishing media appropriate to the surrounding fire conditions.

### 5.3. Advice for firefighters

Protective equipment. Self-contained breathing apparatus. Wear suitable respiratory equipment when necessary.

## SECTION 6: Accidental release measures

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

Adopt best Manual Handling considerations when handling, carrying and dispensing. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. After contact with skin, wash immediately with plenty of water. Avoid contact with eyes and skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Provide eye wash station. Wash with water. Wear suitable protective clothing, gloves and eye/face protection.

### 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 containers in a safe way.

### 6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Containers can be recycled if in compliance with local and national regulations. Wear suitable protective clothing, gloves and eye/face protection.

### 6.4. Reference to other sections

See section 2,3,8,13 for further information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing. 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 in a cool, well-ventilated place. Keep out of the reach of children. Wear suitable protective clothing, gloves and eye/face protection.

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

#### Suitable packaging

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

### 7.3. Specific end use(s)

Detergent.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

See section 8.2 for further information.

#### 8.1.1. Exposure Limit Values


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## 8.1.1. Exposure Limit Values

Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: 400	WEL 8-hr limit mg/m3: 999
	WEL 15 min limit ppm: 500	WEL 15 min limit mg/m3: 1250
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:
	ATE ORL-CAT 1- H300:	ATE ORL-CAT 2- H300:
	ATE ORL-CAT 3- H301:	ATE ORL-CAT 4- H302:
	ATE DRM-CAT 1- H310:	ATE DRM-CAT 2- H310:
	ATE DRM-CAT 3- H311:	ATE DRM-CAT 4- H312:
	ATE INH-GAS- CAT 1- H330:	ATE INH-GAS- CAT 2- H330:
	ATE INH-GAS- CAT 3- H331:	ATE INH-GAS- CAT 4- H332:
	ATE INH-VAP- CAT 1- H330:	ATE INH-VAP- CAT 2- H330:
	ATE INH-VAP- CAT 3- H331:	ATE INH-VAP CAT 4- H332:
	ATE INH-D/M- CAT 1- H330:	ATE INH-D/M- CAT 2- H330:
	ATE INH-D/M- CAT 3- H331:	ATE INH-D/M- CAT 4- H332:
	PNEC Aqua(Fresh):	PNEC Aqua(Marine):
	PNEC Sediment(Fresh):	PNEC Sediment(Marine):
	PNEC Soil:	

## 8.2. Exposure controls

	
8.2.1. Appropriate engineering controls	Engineering measures. Ensure adequate ventilation of the working area. Keep containers tightly closed. 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 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. Suitable eye 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	Clear
Odour	Mild
Odour threshold	Not determined
pH	2 - 3
Melting point	Not determined
Freezing Point	Not determined
Evaporation rate	Not determined
Vapour pressure	Not determined
Relative Vapour Density	Not determined
Viscosity	Not determined
Explosive properties	Not determined
Solubility	Soluble in water

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## 9.2. Other information

Conductivity	Not determined
Surface tension	Not determined
Gas group	Not determined

## 9.2.1. Information with regard to physical hazard classes

	No data available.
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## 9.2.2. Other safety characteristics

	No data available.
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## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	No reactivity hazards known under normal storage and use conditions.
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## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

	Reducing agents. Strong oxidising agents.
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## 10.4. Conditions to avoid

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

	Reducing agents. Strong oxidising agents.
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## 10.6. Hazardous decomposition products

	Carbon dioxide (CO <sub>2</sub> ). Carbon oxides. Will not decompose if stored and used as recommended.
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## SECTION 11: Toxicological information

## 11.1.4. Toxicological Information

Citric acid	Dermal Rat LD50: 11700 mg/kg
Isopropanol	Oral Mouse LD50: 5840 mg/kg

## 11.2 Information on other hazards

	No data available.
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## SECTION 12: Ecological information

## 12.1. Toxicity

Isopropanol	Daphnia EC50/48h: 4600.0000 mg/l	Fish LC50/96h: 9600.0000 mg/l
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## 12.6 Endocrine disrupting properties

	No data available.
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## 12.7 Other adverse effects

	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

	Can be recycled if in compliance with local and national regulations. Clean the containers first with
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**Disposal of packaging**

	plenty of water. Local and national regulations.
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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 Maritime Transport in bulk according to IMO instruments**

	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**

<b>Regulations</b>	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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**15.2. Chemical safety assessment**

	A chemical safety assessment has not been carried out on the mixture.
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**SECTION 16: Other information****Other information**

<b>Revision</b>	This document differs from the previous version in the following areas: 2 - 2.1.2. Classification - EC 1272/2008. 2 - Hazard pictograms. 2 - Signal Word. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response.
<b>Text of Hazard Statements in Section 3</b>	Eye Irrit. 2: H319 - Causes serious eye irritation. Flam. Liq. 2: H225 - Highly flammable liquid and vapour. STOT SE 3: H336 - May cause drowsiness or dizziness.

**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
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**Further information**

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	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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