

## SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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### Allentown Acid

Revision 0

Revision date 2021-02-23

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

##### 1.1. Product identifier

Product name Allentown Acid

##### 1.3. Details of the supplier of the safety data sheet

Company	Clydebridge Chemicals Limited
Address	7 Darwin Close Reading Berkshire RG2 0TB United Kingdom
Web	<a href="http://www.clydebridge.co.uk">http://www.clydebridge.co.uk</a>
Telephone	+44 (0)1189 862816
Email	<a href="mailto:info@clydebridge.co.uk">info@clydebridge.co.uk</a>
Email address of the competent person	<a href="mailto:sds@clydebridge.co.uk">sds@clydebridge.co.uk</a>

##### 1.4. Emergency telephone number

Emergency telephone number	+44 (0)1270 502891
Company	NCEC 24 hours

#### 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.

Precautionary Statement: Response

P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a POISON CENTER/doctor/ .

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## 2.2. Label elements

Precautionary Statement: Storage	P321 - Specific treatment (see on this label). P363 - Wash contaminated clothing before reuse.
	P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to licensed waste disposal site

## 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
Phosphoric acid...% (Orthophosphoric acid)	015-011-00-6	7664-38-2	231-633-2	01-2119485924-24	50 - 60%	Skin Corr. 1B: H314;
Citric Acid		77-92-9	201-069-1	01-2119457026-42	1 - 10%	Eye Irrit. 2: H319;

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin contact	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of. Water.
Ingestion	DO NOT INDUCE VOMITING. Drink 1 to 2 glasses of water. If swallowed, seek medical advice immediately and show this container or label.

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

Inhalation	Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure include the following: coughing.
Eye contact	Causes burns.
Skin contact	Causes burns.
Ingestion	Ingestion causes burns to the respiratory tract. Toxic if swallowed.

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	The product is not flammable. Use extinguishing media appropriate to the surrounding fire conditions.
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## 5.2. Special hazards arising from the substance or mixture

	Corrosive. Burning produces irritating, toxic and obnoxious fumes.
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## 5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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## SECTION 6: Accidental release measures

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

	Avoid contact with skin and eyes. Wear suitable protective equipment. Evacuate personnel to a safe area. Do not breathe gas/fumes/vapour/spray.
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## 6.2. Environmental precautions

	Do not allow product to enter drains. Do not flush into surface water. Prevent further spillage if safe.
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## 6.3. Methods and material for containment and cleaning up

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

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

Avoid contact with eyes and skin. Wear suitable protective clothing, gloves and eye/face protection. When using do not eat or drink. Use in a well ventilated area.

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

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

## 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 - 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:

## 8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear chemical protective clothing.
Eye / face protection	Wear: Safety glasses. Eye protection conforming to EN166.
Skin protection - Handprotection	Wear: Chemical resistant gloves (PVC). Gloves conforming to EN374.
Respiratory protection	Not normally required.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless
Odour	Slight
Solubility	Soluble in water

## 9.2. Other information

Specific gravity 1.18 - 1.2

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

Reacts with: Alkalis.

## 10.2. Chemical stability

Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

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**10.3. Possibility of hazardous reactions**

Under normal conditions of storage and use, hazardous reactions will not occur.

**10.4. Conditions to avoid**

Keep only in the original container at a temperature not exceeding 30 °C.

**10.5. Incompatible materials**

Keep away from food, drink and animal feedingstuffs.

**10.6. Hazardous decomposition products**

Burning produces obnoxious and irritating fumes.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

Acute toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation	Causes burns. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
Serious eye damage/irritation	Causes burns.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met. No mutagenic effects reported.
Carcinogenicity	Based on available data, the classification criteria are not met. No carcinogenic effects reported.
Reproductive toxicity	Based on available data, the classification criteria are not met. No teratogenic effects reported.
STOT-single exposure	Based on available data, the classification criteria are not met.
STOT-repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.
Repeated or prolonged exposure	Based on available data, the classification criteria are not met.

**11.1.4. Toxicological Information**

No data available

**SECTION 12: Ecological information****12.1. Toxicity**

No data available

**12.2. Persistence and degradability**

Not readily biodegradable.

**12.3. Bioaccumulative potential**

No data is available on this product.

**12.4. Mobility in soil**

No data is available on this product.

**12.5. Results of PBT and vPvB assessment**

This product does not meet the criteria for classification as PBT or vPvB.

**12.6. Other adverse effects**

May cause long-term adverse effects in the aquatic environment.

**SECTION 13: Disposal considerations****General information**

Dispose of in compliance with all local and national regulations.

06 01 06\* other acids.

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## Disposal of packaging

Empty containers can be cleaned with water. Empty containers can be sent for disposal or recycling.

## SECTION 14: Transport information

## Hazard pictograms



## 14.1. UN number

UN3265

## 14.2. UN proper shipping name

CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

## 14.3. Transport hazard class(es)

ADR/RID	8
Subsidiary risk	-
IMDG	8
Subsidiary risk	-
IATA	8
Subsidiary risk	-

## 14.4. Packing group

Packing group III

## 14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

## ADR/RID

Hazard ID	80
Tunnel Category	(E)

## IMDG

EmS Code F-A S-B

## IATA

Packing Instruction (Cargo)	856
Maximum quantity	60 L
Packing Instruction (Passenger)	852
Maximum quantity	5 L

## SECTION 15: Regulatory information

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

This Safety Data Sheet has been prepared in accordance with Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Classification has been made in accordance with Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation).

EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for

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

	<p>Authorization in accordance with Article 59. This product does not contain SVHC's &gt;=0.1%</p> <p>EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction This product does not contain substances subject to restriction</p> <p>EU-REACH (1907/2006) - Annex XIV - List of substances subject to Authorisation This product does not contain substances subject to authorisation</p> <p>Ozone-depleting substances (ODS) regulation (EC) 1005/2009 N/A.</p>
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**SECTION 16: Other information****Other information**

<b>Text of Hazard Statements in Section 3</b>	<p>Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation.</p>
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**Further information**

	<p>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.</p>
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