

ARC MORTAR STAIN REMOVER

Revision Date 01-Mar-2022  
Version 2

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product Identifier

**Product Name** Arc Mortar Stain Remover  
**Pure substance/mixture** Mixture

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

**Recommended use** Washing and cleaning products (including solvent based products).  
**Uses advised against** None known

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

#### Company Name

Arc Building Products  
IDA Business & Technology Park  
Ballynattin, Arklow  
Arklow, Co. Wicklow, Ireland.  
Tel: +353 (0)402 32370  
Email: sales@arcbuildingproducts.ie

### 1.4. Emergency telephone number

**Emergency Telephone:** +353 (0)402 32370 (Opening hours)  
**NPIC - National Poison Information Centre**  
Members of the Public: +353 (01) 8092166 (8.00 am to 10.00 pm - 7 days a week)  
Healthcare Professionals: +353 (01) 8092566 (24 hour service)

## Section 2: HAZARD IDENTIFICATION

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

**UFI: 9DSD-12HF-U000-W9HD**

Corrosive to metals, Category 1	H290: May be corrosive to metals.
Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Specific target organ toxicity -single exposure, Category 3, Respiratory system	H335: May cause respiratory irritation.

Unknown acute toxicity	14 % of the mixture consists of ingredient(s) of unknown toxicity
Unknown aquatic toxicity	Contains 0 % of components with unknown hazards to the aquatic environment

### 2.2. Label Elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Contains Hydrochloric acid

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**Signal Word**  
WARNING

**Hazard statements**

H290: May be corrosive to metals.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H335: May cause respiratory irritation.

**Precautionary Statements - EU (§28, 1272/2008)**

P102 - Keep out of reach of children  
P260 - Do not breathe dust/fume/gas/mist/vapours/spray  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
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  
P332 + P313 - If skin irritation occurs: Get medical advice/attention  
P337 + P313 - If eye irritation persists: Get medical advice/attention  
P501 - Dispose of contents/ container to an approved waste disposal plant

**2.3. Other Hazards**

**General Hazards**

No information available.

**PBT and vPvB assessment**

The components in this formulation do not meet the criteria for classification as PBT or vPvB

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Substances**

Mixture

**3.2 Mixtures**

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH Registration Number
Hydrochloric acid	231-595-7	7647-01-0	10 - <20	Skin Corr. 1B (H314) Eye Dam. 1 (H318) STOT SE 3 (H335) Met. Corr. (H290)	Skin Corr. 1B :: C>=25% STOT SE 3 :: C>=10% Skin Irrit. 2 :: 10%<=C<25% Eye Irrit. 2 :: 10%<=C<25% Eye Dam. 1 :: C>=25%	01-2119484862-27 -XXXX

Full text of H- and EUH-phrases: see section 16

Note: ^ indicates not classified, however, the substance is listed in section 3 as it has an OEL.

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

<b>General Advice</b>	Immediate medical attention is required after significant exposure.
<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a doctor or poison control centre if necessary.
<b>Skin Contact</b>	Immediate medical attention is required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Eye contact</b>	Immediate medical attention is required. Keep eye wide open while rinsing. Do not rub affected area. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do.
<b>Ingestion</b>	Do NOT induce vomiting. Immediate medical attention is required. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Remove from exposure, lie down.
<b>Self-protection of the first aider</b>	Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

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

<b>Symptoms</b>	Irritating to skin. May cause redness, itching, and pain. May cause irritation of the mouth, throat and stomach. Corrosive to the eyes and may cause severe damage including blindness. Inhalation of vapours in high concentration may cause irritation of respiratory system.
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### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Note to doctors</b>	Product is a corrosive material. Use of gastric lavage or emesis is contra-indicated. Possible perforation of stomach or oesophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure. Treat symptomatically.
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## Section 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Unsuitable Extinguishing Media

No information available

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

The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating and toxic gases and vapours, Hydrogen chloride. Phosgene. In the event of fire and/or explosion do not breathe fumes.

**Hazardous Combustion Products** Phosgene, Hydrogen chloride.

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

## Section 6: ACCIDENTAL RELEASE MEASURES

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

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**Personal Precautions**

Evacuate personnel to safe areas. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak.

**For emergency responders**

Use personal protection recommended in Section 8.

**6.2. Environmental precautions**

Do not allow into any sewer, on the ground or into any body of water. Should not be released into the environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional Ecological Information.

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

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Dyke far ahead of liquid spill for later disposal. Soak up with inert absorbent material (e.g. sand, silica gel, universal binder, sawdust). Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains. Dam up. After cleaning, flush away traces with water.

**6.4. Reference to other sections**

**Reference to other sections** Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION  
Section 13: DISPOSAL CONSIDERATIONS

**Section 7: HANDLING AND STORAGE**

**7.1. Precautions for safe handling**

**Advice on safe handling**

Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Use only with adequate ventilation and in closed systems. In case of insufficient ventilation, wear suitable respiratory equipment.

**General Hygiene Considerations**

Wear suitable gloves and eye/face protection. When using do not eat, drink or smoke. Keep away from food, drink and animal feedingstuffs. Take off all contaminated clothing and wash it before re-use. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing.

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

**Storage Conditions**

Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labelled containers.

**7.3. Specific end use(s)**

**Specific Use(s)**

Cleaning agent.

**Other Information**

Recommendation(s). Observe technical data sheet.

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

Chemical Name	European Union	Ireland	United Kingdom
Hydrochloric acid 7647-01-0	TWA: 5 ppm TWA: 8 mg/m <sup>3</sup>	TWA: 5 ppm TWA: 8 mg/m <sup>3</sup>	STEL: 5 ppm STEL: 8 mg/m <sup>3</sup>

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	STEL: 10 ppm STEL: 15 mg/m <sup>3</sup>	STEL: 10 ppm STEL: 15 mg/m <sup>3</sup>	TWA: 1 ppm TWA: 2 mg/m <sup>3</sup>
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**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available.

## 8.2. Exposure controls

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

### Personal Protective Equipment

**Eye/Face Protection**

Tight sealing safety goggles. Face protection shield.

**Hand Protection**

Gloves must conform to standard EN 374. Wear protective nitrile rubber gloves, PVC (Polyvinylchloride), Butyl rubber. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves.

**Skin and Body Protection**

Wear chemical resistant clothing such as gloves, apron, boots or whole bodysuits made from neoprene, as appropriate. Gloves made of plastic or rubber. Rubber boots.

**Respiratory Protection**

Ensure adequate ventilation, especially in confined areas.

**Recommended Filter type:**

E-P2 .

**Environmental Exposure Controls** No information available.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Physical State</b>	Liquid
<b>Appearance</b>	Liquid
<b>Colour</b>	Colourless Colourless to pale yellow
<b>Odour</b>	No information available
<b>Odour Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	0 - 2	
Melting point/freezing point	No information available	
Boiling Point	No information available	
Flash Point	No information available	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	Not applicable for liquids
Flammability Limit in Air		
Upper Flammability Limit	No information available	
Lower Flammability Limit	No information available	
Vapour Pressure	No information available	
Vapour Density	No information available	
Specific Gravity	1.07	
Water Solubility	Miscible in water	
Solubility in Other Solvents	No information available	
Partition Coefficient	No information available	
Autoignition Temperature	No information available	
Decomposition Temperature	No information available	
Explosive Properties	No information available	
Explosive Limits	No information available	
Upper	No information available	
Lower	No information available	
Oxidising Properties	No information available	
Kinematic Viscosity	No information available	
Dynamic Viscosity	No information available	

### 9.2. Other information

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Softening Point	No information available
Molecular Weight	No information available
Solvent content (%)	No information available
Solid content (%)	No information available
Density	1.07 g/ml
Bulk Density	No Data Available
VOC content (%)	

### Section 10: STABILITY AND REACTIVITY

#### 10.1. Reactivity

None under normal use conditions.

#### 10.2. Chemical stability

Stable under normal conditions.

##### Explosion Data

Sensitivity to Mechanical Impact None.  
Sensitivity to Static Discharge None.

#### 10.3. Possibility of hazardous reactions

##### **Possibility of Hazardous Reactions**

Contact with metals may evolve flammable hydrogen gas.

#### 10.4. Conditions to avoid

Heat. Exposure to air or moisture over prolonged periods.

#### 10.5. Incompatible materials

Bases. Incompatible with oxidising agents. Metals.

#### 10.6. Hazardous decomposition products

Thermal decomposition can lead to release of irritating and toxic gases and vapours, Hydrogen chloride. Phosgene.

### Section 11: TOXICOLOGY INFORMATION

#### 11.1. Information on toxicological effects

##### **Product Information**

No information or data specific to the product on this toxicological (health) effect is available.

<b>Inhalation</b>	Vapours may be irritating to eyes, nose, throat, and lungs.
<b>Eye contact</b>	May cause burns. Severe eye irritation.
<b>Skin Contact</b>	Contact causes severe skin irritation and possible burns.
<b>Ingestion</b>	Ingestion causes burns of the upper digestive and respiratory tracts. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.
<b>Sensitisation</b>	No Data Available.
<b>Germ Cell Mutagenicity</b>	Not applicable.

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<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	No information available.
<b>STOT - Single Exposure</b>	May cause respiratory irritation.
<b>STOT - Repeated Exposure</b>	No information available.
<b>Target Organ Effects</b>	Eyes, Respiratory system, Skin.
<b>Aspiration Hazard</b>	No information available.

**Numerical measures of toxicity**

**Acute Toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

<b>ATEmix (oral)</b>	13,905.00 mg/kg
<b>ATEmix (dermal)</b>	34,850.66 mg/kg ppm mg/l

**Unknown acute toxicity** 14 % of the mixture consists of ingredient(s) of unknown toxicity.  
 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.  
 0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.  
 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).  
 14 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour).  
 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

**Component Information**

**Toxicity Data** Data obtained on the component(s) include

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Hydrochloric acid 7647-01-0	>2000 mg/kg ( Rat )	> 5010 mg/kg ( Rabbit )	>5 mg/L ( Rat ) 1 h

**Section 12: ECOLOGICAL INFORMATION**

**12.1. Toxicity**

**Ecotoxicity** No information available

**Component Information**

Data obtained on the component(s) include

Chemical Name	Algae/aquatic plants	Fish	Crustacea	M-Factor
Hydrochloric acid 7647-01-0	-	LC50 96 h = 20.5 mh/l	-	

**12.2. Persistence and degradability**

Readily biodegradable.

**12.3. Bioaccumulative potential**

No bioaccumulation potential.

**Partition coefficient** No information available

**12.4. Mobility in soil**

**Mobility in soil** Absorbs on soil contact.

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### 12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

### 12.6. Other Adverse Effects

No information available

### **Endocrine Disruptor Information**

This product does not contain any known or suspected endocrine disruptors.

## Section 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

<b>Waste from Residues/Unused Products</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging</b>	Do not re-use container.
<b>Other Information</b>	Waste codes should be assigned by the user based on the application for which the product was used.

## Section 14: TRANSPORTATION INFORMATION

### ADR

<b>14.1 UN/ID no</b>	UN1789
<b>14.2 Proper Shipping Name</b>	Hydrochloric acid solution
<b>14.3 Hazard Class</b>	8
<b>Hazard Labels</b>	8
<b>14.4 Packing Group</b>	III
<b>Description</b>	UN1789, Hydrochloric acid solution, 8, III, (E)
<b>14.5 Environmental Hazard</b>	Not applicable
<b>14.6 Special Provisions</b>	520
<b>Classification Code</b>	C1
<b>Tunnel restriction code</b>	(E)
<b>Limited Quantity (LQ)</b>	5 L
<b>ADR Hazard Id (Kemmler Number)</b>	80

### IMDG

<b>14.1 UN/ID no</b>	UN1789
<b>14.2 Proper Shipping Name</b>	Hydrochloric acid solution
<b>14.3 Hazard Class</b>	8
<b>14.4 Packing Group</b>	III
<b>Description</b>	UN1789, Hydrochloric acid solution, 8, III
<b>14.5 Marine Pollutant</b>	Np
<b>14.6 Special Provisions</b>	223
<b>Limited Quantity (LQ)</b>	5 L
<b>EmS-No</b>	F-A, S-B
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	No information available

### RID

<b>14.1 UN/ID no</b>	UN1789
<b>14.2 Proper Shipping Name</b>	Hydrochloric acid solution
<b>14.3 Hazard Class</b>	8
<b>14.4 Packing Group</b>	III
<b>Description</b>	UN1789, Hydrochloric acid solution, 8, III
<b>14.5 Environmental Hazard</b>	Not applicable



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Classification Code C1  
14.6 Special Provisions 520  
Limited Quantity (LQ) 5 L

**ICAO (air)**

14.1 UN/ID no UN1789  
14.2 Proper Shipping Name Hydrochloric acid solution  
14.3 Hazard Class 8  
14.4 Packing Group III  
Description UN1789, Hydrochloric acid solution, 8, III  
14.5 Environmental Hazard Not applicable  
14.6 Special Provisions A3

**IATA**

14.1 UN/ID no UN1789  
14.2 Proper Shipping Name Hydrochloric acid solution  
14.3 Hazard Class 8  
14.4 Packing Group III  
Description UN1789, Hydrochloric acid solution, 8, III  
14.5 Environmental Hazard Not applicable  
14.6 Special Provisions A3, A803  
Limited Quantity (LQ) 1 L  
ERG Code 8L

## Section 15: REGULATORY INFORMATION

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

#### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

#### Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

##### EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

##### EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

##### EU-REACH (1907/2006) - Annex XIV - List of substances subject to Authorization

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

#### Named dangerous substances per Seveso Directive (2012/18/EU)

Chemical Name	Lower-tier requirements (tons)	Upper-tier requirements (tons)
Hydrochloric acid - 7647-01-0	25	250

#### Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

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**Persistent Organic Pollutants**  
Not applicable

## 15.2. Chemical safety assessment

None

## **Section 16: OTHER INFORMATION**

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of H-Statements referred to under section 3

H314 - Causes severe skin burns and eye damage  
H318 - Causes serious eye damage  
H335 - May cause respiratory irritation  
H290 - May be corrosive to metals

#### **Legend**

SVHC: Substances of Very High Concern for Authorisation:

#### **Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
PBT	Persistent, Bioaccumulative, and Toxic (PBT) Chemicals		
STOT (RE):	Specific target organ toxicity - Repeated exposure		
STOT (SE):	Specific target organ toxicity - Single exposure		
EWC:	European Waste Catalogue		

#### **Key literature references and sources for data**

Classification and labeling data calculated from data received from raw material suppliers

**Prepared By** Product Safety & Regulatory Affairs

**Revision Date** 03/01/2022

#### Indication of changes

**Revision Note** SDS sections updated, 4.

**Training Advice** No information available

**Additional information** No information available

**This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006**

#### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.

**End of Safety Data Sheet**