

## Acid Etch Solution

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) &amp; 2020/878

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

#### 1.1 Product identifier

Product Name	Acid Etch Solution
CAS No.	Not applicable.
EC No.	Not applicable.
REACH Registration No.	Not known.

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

Identified Use(s)	Not known.
Uses Advised Against	Not known.

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

##### Manufacturer

Company Identification	Flag Paints Ltd
Address of Manufacturer	8 Springfield Road Springfield Industrial Estate Burnham-On-Crouch Essex
Postal code	CM0 8UA
Telephone:	+441621785173
Fax	+441621785393
E-mail	sales@flagpaints.co.uk
Office hours	09:00 - 17:00

##### Supplier

Company Identification	Flag Paints Ltd
Address of Supplier	8 Springfield Road Springfield Industrial Estate Burnham-On-Crouch Essex
Postal code	CM0 8UA
Telephone:	+441621785173
Fax	+441621785393
E-mail	sales@flagpaints.co.uk
Office hours	09:00 - 17:00

#### 1.4 Emergency telephone number

Emergency Phone No.	+441621785173
Contact	I Cowen

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Not classified as dangerous for supply/use.

#### 2.2 Label elements

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According to Regulation (EC) No. 1272/2008 (CLP)

Product Name                      Acid Etch Solution

Hazard Pictogram(s)            None.

Signal Word(s)                   None.

Hazard Statement(s)            None.

Precautionary Statement(s)   None.

### 2.3 Other hazards

None known.

### 2.4 Additional Information

None.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Hydrogen chloride	7647-01-0	231-595-7 01-2119484862-27-xxxx	5 - 9	Skin Corr. 1B H314 STOT SE 3 H335	GHS05 GHS07

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit		M-factor	ATE
Hydrogen chloride	7647-01-0	Skin Corr. 1B	C>= 25.00 <= 100.00		
		Skin Irrit. 2	C>= 10.00 < 25.00		
		Eye Irrit. 2	C>= 10.00 < 25.00		
		STOT SE 3	C>= 10.00 <= 100.00		

Contains no non-classified vPvB substances or substances with a Union workplace exposure limit.  
For full text of H/P Statements see section 16.

### 3.2 Mixtures

Not applicable.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

Inhalation                      If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact                    Wash skin with water.

Eye Contact                    Flush eyes with water for at least 15 minutes.

Ingestion                        Wash out mouth with water.

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

None anticipated. Treat symptomatically.

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

Unlikely to be required but if necessary treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

## Acid Etch Solution

### 5.1 Extinguishing media

Suitable Extinguishing media As appropriate for surrounding fire.  
Unsuitable extinguishing media None.

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

None anticipated. Heating may cause decomposition.

### 5.3 Advice for firefighters

As appropriate for surrounding fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

### 6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

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

Adsorb spillages onto sand, earth or any suitable adsorbent material.

### 6.4 Reference to other sections

See Also Section 8, 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Not known.

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

Storage temperature Ambient.  
Storage life Stable under normal conditions.  
Incompatible materials None known.

### 7.3 Specific end use(s)

Not known.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Hydrogen chloride (gas and aerosol mists)	7647-01-0	1	2	5	8	

Region

Source

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United Kingdom	UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)
Remark	Notes

### 8.2 Exposure controls

8.2.1. Appropriate engineering controls      Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye Protection      Wear eye protection with side protection (EN166).



Skin protection      Not normally required.



Respiratory protection      Normally no personal respiratory protection is necessary.



Thermal hazards      None known.

8.2.3. Environmental Exposure Controls      Do not release large quantities into the surface water or into drains.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Not known.
Odour	Not known.
Melting point/freezing point	Not known.
Boiling point or initial boiling point and boiling range	Not known.
Flammability	Not known.
Lower and upper explosion limit	Not known.
Flash Point	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
pH	Not known.
Kinematic Viscosity	Not known.
Solubility	Solubility (Water) : Not known. Solubility (Other) : Not known.
Partition coefficient n-octanol/water (log value)	Not known.
Vapour pressure	Not known.
Density and/or relative density	Not known.
Relative vapour density	Not known.
Particle characteristics	Not known.

### 9.2 Other information

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None.

### SECTION 10: STABILITY AND REACTIVITY

#### 10.1 Reactivity

None anticipated.

#### 10.2 Chemical Stability

Stable under normal conditions.

#### 10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

#### 10.4 Conditions to avoid

None anticipated.

#### 10.5 Incompatible materials

Not known.

#### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Ingestion	Not classified.
Acute toxicity - Skin Contact	Not classified.
Acute toxicity - Inhalation	Not classified.
Skin corrosion/irritation	Not classified.
Serious eye damage/irritation	Not classified.
Skin sensitization data	Not classified.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Lactation	Not classified.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.

#### 11.2 Information on other hazards

Not known.

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.

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Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

### 12.2 Persistence and degradability

Not known.

### 12.3 Bioaccumulative potential

Not known.

### 12.4 Mobility in soil

Not known.

### 12.5 Results of PBT and vPvB assessment

Not known.

### 12.6 Endocrine disrupting properties

None known.

### 12.7 Other adverse effects

Not known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Dispose at suitable refuse site.

### 13.2 Additional Information

No special precautions are required for this product.

## SECTION 14: TRANSPORT INFORMATION

### 14.1 UN number or ID number

UN No.

### 14.2 UN proper shipping name

UN proper shipping name

### 14.3 Transport hazard class(es)

#### ADR/RID

ADR/RID Class

ADR Classification Code

Special Provisions

Limited Quantities

Excepted Quantities

Emergency Action Code

Mixed Packing Instructions for  
Packages

Special Packing Provisions for  
Packages

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Mixed Packing Instructions for Packages  
Packing Instructions for Portable Tanks  
Special Provisions for Portable Tanks  
Tank Code for Tanks  
Special Provisions for Tanks  
Vehicle for Tank Carriage  
ADR Transport Category  
Tunnel Restriction Code  
Special Provisions for Carriage - Packages  
Special Provisions for Carriage - Bulk  
Special Provisions for Carriage - Loading, Unloading and Handling  
Special Provisions for Carriage - Operation  
ADR HIN

### IMDG

IMDG Class  
Special Provisions  
Limited Quantities  
Excepted Quantities  
Mixed Packing Instructions for Packages  
Special Packing Provisions for Packages  
Packing Instructions for Portable Tanks  
Special Provisions for Portable Tanks  
IMDG EMS  
Stowage and Handling  
Segregation  
Marine Pollutant

### ICAO/IATA

IATA Proper Shipping Name  
Excepted Quantities  
Passenger and Cargo Aircraft Limited Quantities Packing Instructions  
Passenger and Cargo Aircraft Limited Quantities Max net Qty  
Passenger and Cargo Aircraft Packing Instructions

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Passenger and Cargo Aircraft  
Max net Qty  
Cargo Aircraft Packing  
Instructions  
Cargo Aircraft Max net Qty  
Special Provisions  
Emergency Response  
Guidebook (ERG) Code

### Labels

Labels

### 14.4 Packing group

Packing group

### 14.5 Environmental hazards

Environmental hazards      Not classified as a Marine Pollutant.

### 14.6 Special precautions for user

Special precautions for user      Not known.

### 14.7 Maritime transport in bulk according to IMO instruments

No information available

## SECTION 15: REGULATORY INFORMATION

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

#### European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation      Not listed

REACH: ANNEX XIV list of substances subject to authorisation      Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles      Hydrogen chloride (7647-01-0)

Community Rolling Action Plan (CoRAP)      Not listed

Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants      Not listed

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer      Not listed



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Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals

Not listed

### National regulations

Other

Not known.

### 15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

## SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

### LEGEND

Hazard Pictogram(s)	None. GHS05: GHS: Corrosion GHS07: GHS: Exclamation mark
Hazard classification	Skin Corr. 1B : Skin corrosion/irritation, Category 1B STOT SE 3 : Specific target organ toxicity — single exposure, Category 3
Hazard Statement(s)	H314: Causes severe skin burns and eye damage. H335: May cause respiratory irritation.
Precautionary Statement(s)	None.
Acronyms	ATE : Acute Toxicity Estimate CAS : Chemical Abstracts Service CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures DNEL : Derived No Effect Level EC : European Community EINECS : European Inventory of Existing Commercial Chemical Substances LTEL : Long term exposure limit PBT : Persistent, Bioaccumulative and Toxic PNEC : Predicted No Effect Concentration REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals STEL : Short term exposure limit STOT : Specific Target Organ Toxicity vPvB : very Persistent and very Bioaccumulative
Key literature references and sources for data used to compile the SDS	Regulation (EC) No. 1272/2008 (CLP)
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