

# Safety Data Sheet

## Icon-Etch Refill

Product code: 220385 (6102)

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

#### 1.1. Product identifier

Icon-Etch Refill  
CAS No: 7647-01-0  
Index No: 017-002-00-2  
EC No: 231-595-7

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

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

Company Name: DMG America LLC  
Address: 242 South Dean Street  
City, State, Zip Code: Englewood, NJ. 07631  
Telephone: (800) 662-6383  
Email: [Info@dmg-america.com](mailto:Info@dmg-america.com)  
Website: [www.dmg-america.com](http://www.dmg-america.com)

INFOTRAC Emergency No. (800) 535-5053

### SECTION 2: Hazards identification

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

##### Classification according to Directive 67/548/EEC or 1999/45/EC

This mixture is not classified as hazardous according to Directive 1999/45/EC.

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

Hazard categories:  
Skin corrosion/irritation: Skin Corr. 1B  
Specific target organ toxicity - single exposure: STOT SE 3  
Hazard Statements:  
May be corrosive to metals.  
May cause respiratory irritation.  
Causes severe skin burns and eye damage.

#### 2.2. Label elements

Signal word: Danger  
Pictograms: GHS05-GHS07



##### Hazard statements

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

##### Precautionary statements

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

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### Chemical characterization

Hydrochloric (HCl).

Sum formula: HCl

Molecular weight: 36,46

### Hazardous components

| EC No     | Chemical name   | Quantity  |
|-----------|---|-----------|
| CAS No    | Classification according to Directive 67/548/EEC                |           |
| Index No  | Classification according to Regulation (EC) No. 1272/2008 [CLP] |           |
| REACH No  |   |           |
|           | Hydrochloric (HCl).   | 15 - 20 % |
| 7647-01-0 | C - Corrosive, Xi - Irritant R34-37                             |           |
|           |   |           |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### After inhalation

Provide fresh air. Consult physician.

If victim is at risk of losing consciousness, position and transport on their side.

#### After contact with skin

After contact with skin, wash immediately with plenty of water. Remove contaminated clothing immediately and dispose off safely.

#### After contact with eyes

Move victim out of danger zone. Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult physician.

#### After ingestion

Do not induce vomiting. Rinse mouth immediately and drink large quantities of water. Consult physician.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

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

Material is not combustible.

## SECTION 6: Accidental release measures

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

The following must be prevented: inhalation. skin contact. Eye contact. Wear suitable protective clothing.

### 6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Suitable material for diluting or neutralizing: lime-Water. , "lime water" Ca(OH)<sub>2</sub> aq.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

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### Advice on safe handling

Wear suitable protective clothing and gloves. Avoid contact with eyes.

### Further information on handling

Keep container tightly closed.

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

#### Requirements for storage rooms and vessels

Keep container tightly closed. Suitable material for Container: Glass. material, acid proof.

#### Advice on storage compatibility

Do not store together with: Alkalis (alkalis). metal.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits (EH40)

| CAS No    | Substance                                 | ppm | mg/m <sup>3</sup> | fibres/ml | Category      | Origin |
|-----------|---|-----|-------------------|-----------|---------------|--------|
| 7647-01-0 | Hydrogen chloride (gas and aerosol mists) | 1   | 2                 |           | TWA (8 h)     | WEL    |
|           |   | 5   | 8                 |           | STEL (15 min) | WEL    |

### 8.2. Exposure controls



#### Protective and hygiene measures

When using do not eat or drink.

#### Eye/face protection

Tightly sealed safety glasses.

#### Hand protection

Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber):.0,4mm

#### Respiratory protection

The following must be prevented: inhalation. Exceeding critical value: Filter respirator (full mask or mouth-piece) with filter: A

## SECTION 9: Physical and chemical properties

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

Physical state: Paste  
Colour: green  
Odour: pungent

#### Test method

pH-Value: ca.1

#### Changes in the physical state

point of decomposition: >100 °C

Lower explosion limits:

Upper explosion limits:

Vapour pressure: ca.21 hPa  
(at 20 °C)

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Density (at 20 °C): ca 1,1 g/cm<sup>3</sup>  
Water solubility: miscible.

### SECTION 10: Stability and reactivity

#### 10.4. Conditions to avoid

at °C: ca 100-point of decomposition

#### 10.5. Incompatible materials

metals in powder form. metal. amines. Alkalis (alkalis).

#### 10.6. Hazardous decomposition products

Hydrochloric (HCl).

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### **Acute toxicity**

Acute toxicity, oral LD50: (species: Rat.): 3000 ppm (Vol.)/1h

##### **Irritation and corrosivity**

Irritant effect on the eye: corrosive. Risk of serious damage to eyes.

Irritant effect on the skin: Causes burns.

Following inhalation: Coughing. shortage of breath. Gas / vapours, irritant.

After ingestion: Causes burns. Nature of Hazard: Stomach perforation.

##### **Additional information on tests**

highly caustic.

### SECTION 12: Ecological information

#### **Further information**

Leakage into the environment must be prevented.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### **Advice on disposal**

Remove according to the regulations.

##### **Waste disposal number of waste from residues/unused products**

180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care); wastes from natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of or containing dangerous substances  
Classified as hazardous waste.

### SECTION 14: Transport information

#### **Land transport (ADR/RID)**

**14.1. UN number:** UN 1789  
**14.2. UN proper shipping name:** HYDROCHLORIC ACID  
**14.3. Transport hazard class(es):** 8  
**14.4. Packing group:** II  
Hazard label: 8

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Classification code: C1  
Special Provisions: 520  
Limited quantity: 1 L  
Transport category: 2  
Hazard No: 80  
Tunnel restriction code: E

### Other applicable information (land transport)

E2

### Marine transport (IMDG)

**14.1. UN number:** UN 1789  
**14.2. UN proper shipping name:** HYDROCHLORIC ACID  
**14.3. Transport hazard class(es):** 8  
**14.4. Packing group:** II  
Hazard label: 8



Special Provisions: -  
Limited quantity: 1 L  
EmS: F-A, S-B

### Other applicable information (marine transport)

E2

### Air transport (ICAO)

**14.1. UN number:** UN 1789  
**14.2. UN proper shipping name:** HYDROCHLORIC ACID  
**14.3. Transport hazard class(es):** 8  
**14.4. Packing group:** II  
Hazard label: 8



Special Provisions: A3  
Limited quantity Passenger: 0.5 L  
IATA-packing instructions - Passenger: 851  
IATA-max. quantity - Passenger: 1 L  
IATA-packing instructions - Cargo: 855  
IATA-max. quantity - Cargo: 30 L

### Other applicable information (air transport)

E2

: Y840

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

## SECTION 15: Regulatory information

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

National regulatory information

### SECTION 16: Other information

#### Relevant R-phrases (Number and full text)

- 34 Causes burns.
- 37 Irritating to respiratory system.

#### Relevant H- and EUH-phrases (Number and full text)

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

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)  
According to Regulation GHS\_OSHA\_(EC) No. 1907/2006*