

REVISION DATE: 12.01.2010

SAFETY DATA SHEET

Hydrochloric Acid 10 - 25%

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME Hydrochloric Acid 10 - 25%

SYNONYMS, TRADE NAMES Hydrogen Chloride Solution, , Muratic Acid, , Picklers Acid, , TA Reducer

SUPPLIER
 Accepta Ltd
 Statham House
 Talbot Road
 Manchester
 M32 0FP

Tel 0161 877 2334
 Fax 0870 135 6389

Emergency Contact Number 0161 877 2334

SDS No. 10886

2 HAZARDS IDENTIFICATION

Irritating to eyes, respiratory system and skin.

CLASSIFICATION Xi;R36/37/38.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
HYDROCHLORIC ACID ...%	231-595-7	7647-01-0	10-25%	C;R34 Xi;R37

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention.

INGESTION

Provide rest, warmth and fresh air. Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention immediately.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.

5 FIRE-FIGHTING MEASURES

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EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

SPECIFIC HAZARDS

Hydrogen chloride (HCl).

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Follow precautions for safe handling described in this safety data sheet. Avoid contact with skin and eyes.

Provide adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS

Absorb with inert, damp, non-combustible material, then flush area with water. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Avoid inhalation of vapours and spray mists. Provide good ventilation.

STORAGE PRECAUTIONS

Keep containers tightly closed. Keep in original container.

STORAGE CLASS

Corrosive storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

HAND PROTECTION

PVC gloves are recommended.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear rubber apron. Wear rubber footwear.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Colourless to pale yellow
ODOUR	Pungent
SOLUBILITY	Soluble in water

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BOILING POINT (°C)	108	MELTING POINT (°C)	-55
RELATIVE DENSITY	>1.05 15.5	VAPOUR PRESSURE	11 mm Hg
pH-VALUE, CONC. SOLUTION	<1		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

MATERIALS TO AVOID

Strong acids. Strong alkalis. Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Hydrogen chloride (HCl).

11 TOXICOLOGICAL INFORMATION

INHALATION

Upper respiratory irritation.

INGESTION

May cause chemical burns in mouth, oesophagus and stomach.

SKIN CONTACT

Strongly irritating. Prolonged contact may cause burns.

EYE CONTACT

May cause severe irritation to eyes.

12 ECOLOGICAL INFORMATION

MOBILITY

The product is soluble in water.

BIOACCUMULATION

Will not bio-accumulate.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority. Do not puncture or incinerate even when empty.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION



UK ROAD CLASS	8		
PROPER SHIPPING NAME	HYDROCHLORIC ACID		
UN NO. ROAD	1789	UK ROAD PACK GR.	III
ADR CLASS NO.	8		

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ADR CLASS	Class 8: Corrosive substances.	ADR PACK GROUP	III
TUNNEL RESTRICTION CODE	(E)	HAZARD No. (ADR)	80
ADR LABEL NO.	8	HAZCHEM CODE	2R
CEFIC TEC(R) NO.	80GC1-II+III	RID CLASS NO.	8
RID PACK GROUP	III	UN NO. SEA	1789
IMDG CLASS	8	IMDG PACK GR.	III
EMS	F-A, S-B	MFAG	See Guide
UN NO. AIR	1789	AIR CLASS	8
AIR PACK GR.	III		

15 REGULATORY INFORMATION

LABELLING



Irritant

RISK PHRASES

R36/37/38 Irritating to eyes, respiratory system and skin.

SAFETY PHRASES

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

GUIDANCE NOTES

CHIP for everyone HSG(108). Workplace Exposure Limits EH40.

16 OTHER INFORMATION

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REV. NO./REPL. SDS 00

GENERATED

SDS NO. 10886

SAFETY DATA SHEET STATUS

Approved.

DATE 28.01.2008

SIGNATURE Jitendra Panchal

RISK PHRASES IN FULL

R34 Causes burns.

R37 Irritating to respiratory system.