

## HYDROCHLORIC ACID

| INGREDIENTS                            | CAS NO     | %     | 8HR OEL |
|--|------------|-------|---------|
| hydrogen chloride, refrigerated liquid | 7647-01-0  | 25-38 | N/A     |
| hydrogen chloride                      | 7647-01-0. | 30-35 | N/A     |
| hydrogen chloride, refrigerated liquid | 7647-01-0  | 10-30 | N/A     |
| water                                  | 7732-18-5  | 65-70 | -       |



UN No: 1789  
 Hazchem Code: 2R  
 DG Class: 8  
 Subsidiary Risk: **Not Applicable**  
 Packing Group: II  
 Poisons Schedule: **S6 (S3)**



## NFPA Rating:

- ▶ 0: Minimum
- ▶ 1: Low
- ▶ 2: Moderate
- ▶ 3: High
- ▶ 4: Extreme

## HEALTH HAZARD INFORMATION



## Acute Health Effects:

Harmful if swallowed.  
 Toxic by inhalation.  
 Causes burns.

## PRECAUTIONS FOR USE



## Appropriate engineering controls:

Local Exhaust Ventilation recommended.

## Glasses:

Safety Glasses.  
 Consider chemical goggles.

## Gloves:

1.SARANEX-23 2.NEOPRENE 3.PVC

## Respirator:

Type B-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

## Storage and Transportation:

Store in cool, dry, protected area.  
 Restrictions on Storage apply. Refer to Full Report.  
 Not recommended for interior use on large surface areas.  
 Dispose of this material and its container at hazardous or special waste collection point.  
 Keep locked up.  
 Keep out of reach of children.  
 Keep away from living quarters.  
 Keep away from food, drink and animal feeding stuffs.

## Fire/Explosion Hazard:

Vapours/gas heavier than air.  
 Toxic smoke/fumes in a fire.  
 Attacks metals to liberate hydrogen.  
 Not recommended for interior use on large surface areas.  
 Dispose of this material and its container at hazardous or special waste collection point.  
 In case of fire and/or explosion, DO NOT BREATHE FUMES.

## PROPERTIES



Liquid.  
 Mixes with water.  
 Corrosive.  
 Acid.Does not burn.

## EMERGENCY



## FIRST AID

## Swallowed:

If more than 15 mins from Doctor, INDUCE VOMITING (if conscious).

## Eye:

Wash with running water (15 mins). Medical attention.

## Skin:

Remove contaminated clothing. Wash with soap & water.

## Inhaled:

Fresh air. Rest, keep warm. If breath shallow, give oxygen. Medical attention.

## Advice To Doctor:

Airway problems - 100% O2. Treat burns as thermal. Retract eyelids - irrigate 30 mins. Retract eyelids/ Irrigate 30 mins.

## Fire Fighting:

Keep surrounding area cool. Water spray/fog.

## Spills and Disposal:

Spilled liquid has low temperature and evaporates quickly.  
 Control vapour with water spray/ fog.  
 Absorb with dry agent.  
 Dilute with water.  
 Neutralize with soda ash/ lime.  
 Stop leak if safe to do so.  
 Not recommended for interior use on large surface areas.  
 Dispose of this material and its container at hazardous or special waste collection point.  
 This material and its container must be disposed of in a safe way.  
 To clean the floor and all objects contaminated by this material, use water.

## SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



Flammable Explosive Radioactive Oxidizing

x

x

x

x

x — Must not be stored together