



Hydrochloric Acid

Chemical Formula: ClSO_2OH

Properties:

Appearance:	Colourless to light yellow fuming liquid
Sp. Gravity at 30° C:	1.76

- Fumes strongly in moist air
- Oxidizing agent
- Highly Hygroscopic
- Attack many metals with liberation of hydrogen, which is inflammable and forms explosive mixture.

Specifications:

Purity (as ClSO_2OH):	98.0 % min
Sulphuric Acid (as H_2SO_4) & Free SO_3 (as SO_3):	2.00 % max
Free Hydrochloric Acid (as HCl):	0.5 % max
Iron (as Fe):	0.01 % max

Applications:

- For manufacturing of synthetic detergents and drugs.
- Sulphonating agent for dyes & dye intermediates and pesticides.
- In the manufacturing of iron exchange resins.
- Manufacturing of anhydrous HCl and smoke producing chemicals

DANGERS AND PRECAUTIONS FOR HANDLING PRODUCT :

- Strong irritant to tissues
- Causes severe damage to eyes, skin & air passage
- Reaction with moist air produces mist, which has severe irritating effect on eyes, skin & air passage
- Store the material in MS tank. Avoid contact with moisture
- Fire risk in contact with organic substances.

Packaging:

Tanker Load

Product List:

Sulphuric Acid 98 % | Dimethyl Sulphate | Sulphuric Acid 70 % | Aluminum Sulphate (Non Ferric Alum) | Battery Grade Sulphuric Acid | Sulphur Trioxide (SO_3) | Oleum 23% / 65% | Sulfamic Acid