



**SUN LINKS INDIA PVT LTD**

# Chloro Sulphonic Acid

**Chemical Formula:**  $\text{ClSO}_2\text{OH}$

## Properties:

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

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

## Specifications:

Purity (as $\text{ClSO}_2\text{OH}$ ) :	98.0 % min
Sulphuric Acid (as $\text{H}_2\text{SO}_4$ ) & Free $\text{SO}_3$ (as $\text{SO}_3$ ) :	2.00 % max
Free Hydrochloric Acid (as $\text{HCl}$ ) :	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  $\text{HCl}$  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 (  $\text{SO}_3$  ) | Oleum 23% / 65% | Sulfamic Acid

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