

Chloro Sulphonic Acid

CHEMICAL FORMULA :

CISO₂OH

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 CISO ₂ OH) :	98.0 % min
Sulphuric Acid (as H ₂ SO 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.

PACKING :

Tanker Load.



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