

Sulphur Trioxide (SO₃)

CHEMICAL FORMULA :

SO₃

PROPERTIES :

Appearance :	Colourless liquid
Sp. Gravity at 30 °C :	1.837
Boiling point :	44.8 °C

Attack many metals with liberation of hydrogen, which is inflammable and forms explosive mixture, Oxidizing agent.

SPECIFICATIONS :

Purity (as Free SO ₃) :	99.5 % min
Iron (as Fe) :	0.01 % max
Sulphuric Acid (as H ₂ SO ₄):	0.40 % max
Oxidisable Impurity (as SO ₂)	0.02 % max

APPLICATIONS :

Sulphur Trioxide is widely used as a sulphonating agent in chemical industry.

DANGERS AND PRECAUTIONS FOR HANDLING PRODUCT :

Highly toxic & strong irritant to tissues.

Causes severe damage to eyes, Skin & air passage.

Reaction with moist air produces mist, which has severe irritant effect on eyes, skin & air passage.

Store the material in MS tank with vent.

PACKING :

Tanker Load.



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