

**CHEMICAL FORMULA :**SO<sub>3</sub>**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 <sub>3</sub> ) :	99.5 % min
Iron (as Fe) :	0.01 % max
Sulphuric Acid (as H <sub>2</sub> SO <sub>4</sub> ):	0.40 % max
Oxidisable Impurity (as SO <sub>2</sub> )	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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