

**CHEMICAL FORMULA :** $H_2S_2O_7$ **PROPERTIES :**

<b>Appearance :</b>	<b>Clear to off white liquid</b>
Sp. Gravity at 30 °C :	1.9056 (Oleum 23 %)
	1.9654 (Oleum 65 %)
Boiling point :	340 °C

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

**SPECIFICATIONS :**

Free SO <sub>3</sub>	23.0% min. / 65.0 % min.
Iron (as Fe) :	0.05 % max
Residue on ignition	0.20 % max
Sulphur Dioxide	0.02 % max
Chloride (as Cl)	0.002 % max

**APPLICATIONS :**

Sulphonating agent for organic and alizarin dyestuff.

Dehydrating agent in nitration reactions. Used for manufacturing dyes & explosives. Used as lab reagents.

**DANGERS AND PRECAUTIONS FOR HANDLING PRODUCT :**

Toxic by ingestion

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. Avoid contact with moisture.

Fire risk in contact with organic substance

**PACKING :**

Tanker Load.

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