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## Typical Product Specifications & Properties

# Sulphur Trioxide

CAS Number: : 7446-11-9

Specifications	Limits
Molecular weight	80.06
EINECS	231-197-3
SMILES	[S+](=O)(=O)[O-]
InChI	AKEJUJNQAAAGONA-UHFFFAOYSA-N
InChIKey	1S/O3S/c1-4(2)3
Boiling Point	44.8 &deg;C
Storage Temperature	Indoors
Density	1.97 g/mL at 25 &deg;C
Vapor Density	2.8
Vapor Pressure	280 mm Hg ( 25 &deg;C)
Water solubility	reacts violently
Stability	Stable. Incompatible with organic materials, finely powdered metals, bases, water, cyanides and a wide variety of other chemicals. Reacts violently with water, oxygen and other chemicals - read a full data sheet before use.



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Specifications	Limits
Merck	13,9069
Melting Point	16.8 &deg;C



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