

## Product Data Sheet

### Sulfur Dichloride

<i>Technical Grade</i>	
Nomenclature	Sulfur Dichloride
Formula	SCL <sub>2</sub>
Product Identification Number	UN 3289
CAS Number	10545-99-0
CA Index Name	Sulfur Dichloride
Molecular Weight	102.97
Description	Sulfur Dichloride is a reddish-brown fuming liquid with a pungent chlorine odor. Reacts violently with water to produce hydrogen chloride and other toxic and corrosive gases.
Specifications	Appearance Red/Yellow Fuming Liquid  Specific Gravity @ 20/20°C 1.626 – 1.631
Typical Properties	Density @ 20°C 13.4 lbs./gallon Boiling Point 59°C/138°F Melting Point -78°C/-108°F Flash Point, COC 130°C/266°F Vapor Pressure @-22.8°C 7.6 mm Hg  Sulfur Dichloride 75 wt. % Sulfur Monochloride 25 wt. % Total Chlorine 65 wt. %  Miscibility Alcohol Benzene Carbon Disulfide
Containers	85 Short Ton Net Weight Tank Cars 19 Short Ton Net Weight Tank Cars

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