

## Product Data Sheet

### Sulfur Monochloride

<i>Technical Grade</i>	
Nomenclature	Sulfur Monochloride
Formula	S <sub>2</sub> CL <sub>2</sub>
Product Identification Number	UN 1828
CAS Number	10025-67-9
CA Index Name	Sulfur Monochloride
Molecular Weight	135.05
Description	Sulfur Monochloride is a dark yellow fuming liquid with a pungent chlorine odor. Reacts violently with water to produce hydrogen chloride and other toxic and corrosive gases.
Specifications	Appearance                      Dark Yellow Fuming Liquid Free Sulfur, wt %                2.0 Max Specific Gravity @ 20/20°C                        1.680 – 1.683
Typical Properties	Density @ 20°C                    14.0 lbs./gallon Boiling Point                        138°C/280°F Melting Point                        -76°C/-105°F Flash Point, COC                    130°C/266°F Vapor Pressure @-37.8°C        26.0 mm Hg @ 0°C                                3.59 mm Hg  Miscibility                            Alcohol Benzene Carbon Disulfide
Containers	85 Short Ton Net Weight Tank Cars 19 Short Ton Net Weight Isotainers