

Sulfur Dioxide

Sulfur Dioxide is used in the wine industry and comes in two different forms:

- Liquid form is used as an antioxidant and preservative
- Gas form is used to sterilize and preserve barrels and corks

Description

Formula: SO_2

Gas Data

Molecular Weight: 64.07

Density: 2.67kg/m³ @ 21.1°C, 101.325 kPa
0.167 lb/ft³ @ 70°F, 14.696 psia

Specific Volume: 0.374 m³/kg @ 21.1°C, 101.325 kPa
5.99 ft³/lb @ 70°F, 14.696 psia

Shipping Information

CAS Registry Number: 7446-09-5

UN Number: UN 1079

DOT Proper Shipping Name: Sulfur Dioxide

DOT Classification: 2.3, Hazard Zone C (gas poisonous by inhalation)

DOT Label: INHALATION HAZARD
CORROSIVE GAS

Cylinder Specifications

Cylinder Size	Content		Valve Outlet CGA No.
	US	Metric	
150	150	68.04	660
25	25	6.80	660