

Sigma-Aldrich Sulfur Dioxide Solution

INGREDIENTS	CAS NO	%	8HR OEL
sulfur dioxide	7446-09-5	5-10	5.2 mg/m3
water	7732-18-5	90-95	-



UN No: 1833
 Hazchem Code: 2R
 DG Class: 8
 Subsidiary Risk: **Not Applicable**
 Packing Group: II
 Poisons Schedule: **Not Applicable**



NFPA Rating:

- ▶ 0: Minimum
- ▶ 1: Low
- ▶ 2: Moderate
- ▶ 3: High
- ▶ 4: Extreme

HEALTH HAZARD INFORMATION



Acute Health Effects:

Harmful by inhalation.
 Causes burns.
 Risk of serious damage to eyes.

PRECAUTIONS FOR USE



Appropriate engineering controls:	General Exhaust Ventilation adequate.
Glasses:	Consider full face-shield.
Gloves:	1.BUTYL 2.NEOPRENE 3.VITON
Respirator:	Type E-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)
Storage and Transportation:	Store in cool, dry, protected area. Restrictions on Storage apply. Refer to Full Report.
Fire/Explosion Hazard:	Toxic smoke/fumes in a fire.

PROPERTIES



Liquid.
 Mixes with water.
 Corrosive. Does not burn.

EMERGENCY



FIRST AID

Swallowed:	Give water (if conscious). URGENT MEDICAL ATTENTION.
Eye:	Wash with running water (15 mins). Medical attention.
Skin:	Flood body with water. Remove contaminated clothing. Wash with water
Inhaled:	Fresh air. Rest, keep warm. If breathing shallow, give oxygen. Medical attention.
Advice To Doctor:	Treat symptomatically.
Fire Fighting:	Keep surrounding area cool. Water spray/fog.
Spills and Disposal:	Absorb with dry agent. Dilute with water. Stop leak if safe to do so.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



Explosive Radioactive

x x

x — Must not be stored together