

NITROUS OXIDE

INGREDIENTS	CAS NO	%	8HR OEL
nitrous oxide	10024-97-2	>99	45 mg/m3



UN No: 1070*

Hazchem Code: 2P

DG Class: 2.2

Subsidiary Risk: 5.1

Packing Group: Not Applicable

Poisons Schedule: S4



NFPA Rating:

▶ 0: Minimum

▶ 1: Low

▶ 2: Moderate

▶ 3: High

▶ 4: Extreme

PROPERTIES



Gas.

Does not mix with water.

Sinks in water. Heating may cause an explosion.

Increases fire risk.

Contact with combustible material may cause fire.

EMERGENCY



FIRST AID

Skin:	Remove contaminated clothing. Wash with soap & water.
Fire Fighting:	Keep containers cool. Water spray/ fog.
Spills and Disposal:	Consider evacuation. Dilute with water.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



Flammable	Explosive	Toxic	Radioactive
x	x	x	x

x — Must not be stored together

HEALTH HAZARD INFORMATION



Acute Health Effects:	Harmful by inhalation. Irritating to eyes.
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PRECAUTIONS FOR USE



Glasses:	Consider chemical goggles.
Respirator:	Type NO Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)
Storage and Transportation:	Restrictions on Storage apply. Refer to Full Report.
Fire/Explosion Hazard:	Vapours/gas heavier than air. Toxic smoke/fumes in a fire. Risk of explosion if heated under confinement.