

ETHYLENE OXIDE

INGREDIENTS	CAS NO	%	8HR OEL
ethylene oxide	75-21-8	>99.7	1.8 mg/m3



UN No: **1040**
 Hazchem Code: **2PE**
 DG Class: **2.3**
 Subsidiary Risk: **2.1**
 Packing Group: **Not Applicable**
 Poisons Schedule: **S7**



NFPA Rating:

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

PROPERTIES



Gas.

Mixes with water. Extremely flammable.

EMERGENCY



FIRST AID

Skin: Flood body with water. Remove contaminated clothing. Wash with water

Advice To Doctor: Treat symptomatically.

Fire Fighting: Keep containers cool.
Water spray/ fog.

Spills and Disposal: Spilled liquid has low temperature and evaporates quickly.
Eliminate ignition sources.
Consider evacuation.
Control vapour with water spray/ fog.
Dilute with water.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS

Flammable	Explosive	Toxic	Radioactive	Oxidizing
x	x	x	x	x

x — Must not be stored together

HEALTH HAZARD INFORMATION



Acute Health Effects: Toxic by inhalation.
Irritating to eyes, respiratory system and skin.

Chronic Health Effects: May cause CANCER.
May cause heritable genetic damage.
* — limited evidence

PRECAUTIONS FOR USE



Glasses: Safety Glasses.
Consider chemical goggles.

Gloves: 1.NEOPRENE 2.NITRILE

Respirator: Type AX 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: HIGHLY FLAMMABLE.
Vapours/gas heavier than air.
Toxic smoke/fumes in a fire.
Risk of explosion if heated under confinement.