

1,3-BUTADIENE

INGREDIENTS	CAS NO	%	8HR OEL
1,3-butadiene	106-99-0	>=99	22 mg/m3



UN No: **1010**
 Hazchem Code: **2YE**
 DG Class: **2.1**
 Subsidiary Risk: **Not Applicable**
 Packing Group: **Not Applicable**
 Poisons Schedule: **Not Applicable**



NFPA Rating:

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

HEALTH HAZARD INFORMATION



Acute Health Effects:

Harmful if swallowed.

Chronic Health Effects:

May cause CANCER.
 May cause heritable genetic damage.
 * – limited evidence

PRECAUTIONS FOR USE



Glasses: Consider chemical goggles.

Gloves: 1.BUTYL 2.VITON 3.NEOPRENE

Respirator: Type AX 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.

Fire/Explosion Hazard: Explosive.
 HIGHLY FLAMMABLE.
 Vapours/gas heavier than air.
 Toxic smoke/fumes in a fire.
 Risk of explosion if heated under confinement.

PROPERTIES



Gas.

Does not mix with water. Explosive when dry.
 Extremely flammable.
 Combustible.
 May form explosive peroxides.

EMERGENCY



FIRST AID

Skin: Wash with soap

Fire Fighting: Keep containers cool.
 Water spray/ fog.
 DELIVER REMOTELY!!

Spills and Disposal: Eliminate ignition sources.
 Consider evacuation.
 Prevent from entering drains.
 Contain spillage by any means.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS

Explosive	Toxic	Radioactive	Oxidizing
x	x	x	x

x — Must not be stored together