BORON TRIFLUORIDE

INGREDIENTS	CAS NO	%	8HR OEL
boron trifluoride	13319-75-0	>99	N/A

UN No: **1008**
Hazchem Code: **2RE**
DG Class: **2.3**
Subsidiary Risk: **8**
Packing Group: **Not Applicable**
Poisons Schedule: **S7**

NFPA Rating:
- **0:** Minimum
- **1:** Low
- **2:** Moderate
- **3:** High
- **4:** Extreme

HEALTH HAZARD INFORMATION

Acute Health Effects:	Very toxic by inhalation. Causes severe burns. Risk of serious damage to eyes.
Chronic Health Effects:	May impair fertility. May cause harm to the unborn child. * – *limited evidence*

PRECAUTIONS FOR USE

Glasses:	Consider full face-shield.
Respirator:	Type B-P 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. Keep locked up. Keep out of reach of children. Keep in a cool place. Keep away from living quarters. Keep container tightly closed. Keep container dry. Keep away from food, drink and animal feeding stuffs. Keep away from heat.
Fire/Explosion Hazard:	Vapours/gas heavier than air. Toxic smoke/fumes in a fire. Attacks metals to liberate hydrogen. Reacts VIOLENTLY with water. Risk of explosion if heated under confinement. In case of fire and/or explosion, DO NOT BREATHE FUMES.

PROPERTIES

Gas.
Corrosive.
Acid.

EMERGENCY

FIRST AID

Swallowed:	Contact Doctor or Poisons Centre.
Skin:	Remove contaminated clothing. Flood with water. Apply CALCIUM gel. Give CALCIUM tablets.
Inhaled:	Fresh air. If breath shallow give oxygen. Give 6 CALCIUM gluconate/carbonate tabs. Medical attention.
Advice To Doctor:	GI absorption may be retarded with milk. Hypocalcemic patients - calcium gluconate. Burns may require subcutaneous injections of calcium gluconate.
Fire Fighting:	Dry agent. Do NOT fight fire with water.
Spills and Disposal:	Consider evacuation. Prevent from entering drains. Contain spillage by any means. Neutralize with soda ash/ lime. Never spray with water. This material and its container must be disposed of in a safe way.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS

Flammable	Explosive	Radioactive	Oxidizing
x	x	x	x

x — *Must not be stored together*