

SODIUM BOROHYDRIDE

INGREDIENTS	CAS NO	%	8HR OEL
sodium borohydride	16940-66-2	>98	-



UN No: 1426
 Hazchem Code: 4W
 DG Class: 4.3
 Subsidiary Risk: **Not Applicable**
 Packing Group: I
 Poisons Schedule: **Not Applicable**



NFPA Rating:

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

HEALTH HAZARD INFORMATION



Acute Health Effects:

Toxic in contact with skin and if swallowed.
 Very toxic by inhalation.
 Causes severe burns.
 Irritating to respiratory system.
 Risk of serious damage to eyes.

PRECAUTIONS FOR USE



Appropriate engineering controls:

General Exhaust Ventilation adequate.

Glasses:

Consider full face-shield.

Storage and Transportation:

Store in cool, dry, protected area.

Fire/Explosion Hazard:

Vapours/gas heavier than air.
 Toxic smoke/fumes in a fire.
 Attacks metals to liberate hydrogen.
 Reacts VIOLENTLY with water.

PROPERTIES



Solid. Reacts violently with water liberating extremely flammable gases.

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
 For burns: Apply cold water. Do NOT remove clothes from area. Cover wound. NO OINTMENTS.

Inhaled:

Fresh air. Rest, keep warm. If breath shallow, give oxygen. Medical attention.

Fire Fighting:

Dry agent.
 Do NOT fight fire with BCF extinguisher.
 Do NOT fight fire with water.

Spills and Disposal:

Avoid dust.
 Prevent from entering drains.
 Contain spillage by any means.
 Sweep shovel to safe place.
 Never spray with water.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



Flammable Explosive Toxic Radioactive Oxidizing

x

x

x

x

x

x — Must not be stored together