

PHOSPHORUS PENTOXIDE

INGREDIENTS	CAS NO	%	8HR OEL
phosphorus pentoxide	1314-56-3	>98	-



UN No: 1807*
 Hazchem Code: 2X
 DG Class: 8
 Subsidiary Risk: **Not Applicable**
 Packing Group: II
 Poisons Schedule: **Not Applicable**



NFPA Rating:

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

HEALTH HAZARD INFORMATION



Acute Health Effects:

Toxic by inhalation.
 Causes severe burns.
 Risk of serious damage to eyes.

PRECAUTIONS FOR USE



Appropriate engineering controls:

Local Exhaust Ventilation recommended.

Glasses:

Consider chemical goggles.
 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:

Store in cool, dry, protected area.
 Restrictions on Storage apply. Refer to Full Report.
 Keep locked up.
 Keep out of reach of children.
 Keep away from living quarters.
 Keep container tightly closed.
 Keep container dry.
 Keep away from food, drink and animal feeding stuffs.

Fire/Explosion Hazard:

Toxic smoke/fumes in a fire.
 Attacks metals to liberate hydrogen.
 Reacts VIOLENTLY with water.
 In case of fire and/or explosion, DO NOT BREATHE FUMES.

Environment:

May cause long-term adverse effects in the aquatic environment.

PROPERTIES



Solid.
 Corrosive.
 Acid.Does not burn.

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

Inhaled:

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

Advice To Doctor:

Airway problems - 100% O2. Treat burns as thermal. Retract eyelids - irrigate 30 mins. Retract eyelids/ Irrigate 30 mins.

Fire Fighting:

Do NOT fight fire with water.

Spills and Disposal:

Pollutant.
 Avoid dust.
 Prevent from entering drains.
 Contain spillage by any means.
 Sweep shovel to safe place.
 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

x



Explosive

x



Radioactive

x



Oxidizing

x

x — Must not be stored together