

P-PHENYLENE DIAMINE

INGREDIENTS	CAS NO	%	8HR OEL
p-phenylenediamine	106-50-3	>99	0.1 mg/m3



UN No: 1673
 Hazchem Code: 2X
 DG Class: 6.1
 Subsidiary Risk: **Not Applicable**
 Packing Group: III
 Poisons Schedule: S6



NFPA Rating:

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

HEALTH HAZARD INFORMATION



Acute Health Effects:

Toxic by inhalation, in contact with skin and if swallowed.
 Irritating to eyes.
 May cause SENSITISATION by skin contact.

PRECAUTIONS FOR USE



Appropriate engineering controls:

General Exhaust Ventilation adequate.

Glasses:

Consider chemical goggles.

Respirator:

Type AK-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.
 Keep locked up.
 Keep out of reach of children.
 Keep away from living quarters.
 Keep away from food, drink and animal feeding stuffs.

Fire/Explosion Hazard:

Vapours/gas heavier than air.
 Toxic smoke/fumes in a fire.
 In case of fire and/or explosion, DO NOT BREATHE FUMES.

Environment:

Very toxic to aquatic organisms.
 May cause long-term adverse effects in the aquatic environment. This material and its container must be disposed of as hazardous waste.
 Avoid release to the environment. Refer to special instructions/Safety data sheets.

PROPERTIES



Solid.
 Does not mix with water.
 Sinks in water. Combustible.

EMERGENCY



FIRST AID

Eye:

Wash with running water (15 mins). Medical attention.

Skin:

Wipe-off with clean/dry cloth. Remove contaminated clothing. Wash with water & soap. MEDICAL ATTENTION.
 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.

Advice To Doctor:

Treat symptomatically.
 Assist ventilation Hypotension - Trendelenburg Position. Methylene blue for severe poisoning.

Fire Fighting:

Water spray/ fog.

Spills and Disposal:

Eliminate ignition sources.
 Avoid dust.
 Prevent from entering drains.
 Contain spillage by any means.
 Sweep shovel to safe place.
 This material and its container must be disposed of in a safe way.
 To clean the floor and all objects contaminated by this material, use water and detergent.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



Flammable Explosive Radioactive Oxidizing

x

x

x

x

x — Must not be stored together