

ALUMINIUM PHOSPHIDE

INGREDIENTS

aluminium phosphide

CAS No

20859-73-8

%

>98

8hr OEL

-

NFPA RATING



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



UN No: 1397

Hazchem Code: Not Applicable

DG Class: 4.3

Subsidiary Risk: 6.1

Packing Group: I

Poisons Schedule: Not Available



PROPERTIES

Solid. In use, may form flammable/ explosive vapour-air mixture. Contact with water liberates toxic, extremely flammable gas.

HEALTH HAZARD INFORMATION



ACUTE HEALTH EFFECTS:

Very toxic if swallowed.

CHRONIC HEALTH EFFECTS:

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS

Flammable
XExplosive
XToxic
XRadioactive
XOxidizing
X

X: Must not be stored together

PRECAUTIONS FOR USE



APPROPRIATE ENGINEERING CONTROLS:

General Exhaust Ventilation adequate.

GLASSES:

Consider chemical goggles.

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.

FIRE/EXPLOSION HAZARD:

Vapours/gas heavier than air.

Toxic smoke/fumes in a fire.

Reacts with water.

ENVIRONMENT:

Very toxic to aquatic organisms.

May cause long-term adverse effects in the aquatic environment. Use appropriate container to avoid environmental contamination.

Avoid release to the environment. Refer to special instructions/Safety data sheets.

EMERGENCY



FIRST AID

SWALLOWED:

Give milk or water (if conscious). INDUCE VOMITING.

EYE:

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

SKIN:

Remove contaminated clothing. Wash with soap & water.

INHALED:

Fresh air. Rest, keep warm.

FIRE FIGHTING:

Dry agent.

Do NOT fight fire with water.

SPILLS AND DISPOSAL:

Eliminate ignition sources.

Consider evacuation.

Avoid dust.

Prevent from entering drains.

Contain spillage by any means.

Sweep shovel to safe place.

Never spray with water.

For further information call Environmental Protection: 880-9714 (DH) or 427-0158 (JID)

For proper disposal methods and locations for the chemical or chemical contaminated material, contact the Environmental Engineering Division on 880-9767