

POTASSIUM CYANIDE

INGREDIENTS	CAS NO	%	8HR OEL
potassium cyanide	151-50-8	>90	5 mg/m3



UN No: **1680**
 Hazchem Code: **2X**
 DG Class: **6.1**
 Subsidiary Risk: **Not Applicable**
 Packing Group: **I**
 Poisons Schedule: **S7 S1**



NFPA Rating:

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

HEALTH HAZARD INFORMATION



Acute Health Effects: Very toxic by inhalation, in contact with skin and if swallowed.

PRECAUTIONS FOR USE



Appropriate engineering controls: Local Exhaust Ventilation recommended.

Glasses: Consider full face-shield.

Respirator: Type A-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.
 Dispose of this material and its container at hazardous or special waste collection point.
 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:
 Toxic smoke/fumes in a fire.
 Reacts with water.
 Dispose of this material and its container at hazardous or special waste collection point.
 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.
 May cause long-term adverse effects in the environment. Use appropriate container to avoid environmental contamination.
 Avoid release to the environment. Refer to special instructions/Safety data sheets.

PROPERTIES



Solid. Does not burn.

EMERGENCY



FIRST AID

Swallowed: Prior to product use, ensure antidotes are available on site.
 Do NOT attempt mouth-mouth. Give oxygen / mechanical resuscitation / antidote.

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: Assist ventilation - administer 100% O2. Supportive care for mild symptoms.
 OTHERWISE nitrite/thiosulfate.

Fire Fighting: Keep surrounding area cool. Water spray/fog.

Spills and Disposal:
 Pollutant.
 Avoid dust.
 Prevent from entering drains.
 Contain spillage by any means.
 Sweep shovel to safe place.
 Dispose of this material and its container at hazardous or special waste collection point.
 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

x



Explosive

x



Radioactive

x



Oxidizing

x

x — Must not be stored together