

PORTLAND CEMENT

INGREDIENTS	CAS NO	%	8HR OEL
CALCIUM OXIDE CALCIUM HYDROXIDE	1305-78-8	12-16	2 mg/m3
calcium silicate Ca_3SiO_5	12168-85-3	45-70	10 mg/m3
gypsum	13397-24-5	4-7	10 mg/m3
MAGNESIUM OXIDE	1309-48-4	0.1-2	10 mg/m3

UN No: **Not Applicable**
 Hazchem Code: **Not Applicable**
 DG Class: **None**
 Subsidiary Risk: **None**
 Packing Group: **None**
 Poisons Schedule: **Not Applicable**



NFPA Rating:

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

HEALTH HAZARD INFORMATION



Acute Health Effects:

Irritating to respiratory system.
 Irritating to skin.
 Risk of serious damage to eyes.
 May cause SENSITISATION by skin contact.
 Possible risk of irreversible effects.

PROPERTIES



Solid. Alkaline.

EMERGENCY



FIRST AID

Swallowed:	Give water (if conscious). Seek medical advice.
Eye:	Wash with running water (15 mins). Medical attention.
Skin:	Remove contaminated clothing. Wash with soap & water.
Inhaled:	Fresh air. Rest, keep warm. If breath shallow, give oxygen. Medical attention.
Advice To Doctor:	Deferoxamine is preferred chelator. Supportive care. Irrigate eyes with saline. Supportive care. Ipecac emesis. Chrome ulcers respond to CaNa_2EDTA .
Fire Fighting:	No restrictions on extinguisher type.
Spills and Disposal:	Avoid dust. 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.

PRECAUTIONS FOR USE



Appropriate engineering controls:	Local Exhaust Ventilation recommended.
Glasses:	Consider chemical goggles.
Respirator:	Particulate. (AS/NZS 1716 & 1715, EN 143:2000 & 149:001, 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 out of reach of children.
Fire/Explosion Hazard:	Toxic smoke/fumes in a fire. Dispose of this material and its container at hazardous or special waste collection point.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



Explosive



Radioactive

x

x

x — Must not be stored together