



MSDS – Portland Cement

1. Identification of the Substance/Preparation and the Company/Undertaking

Substance or preparation trade name: Portland Cement.
Unique reference numbers(s): N/A
Company/undertaking name & address: Nesher Ltd. , 5 Droyanov St. Tel-Aviv.
Telephone: 03-6211607 or 1-700-70-2005
Emergency telephone number: 03-6211600

2. Composition

Substance: Main constituents are calcium silicates, aluminates, Ferro-aluminates and sulfates.
May contain traces of gypsum and chromium compounds.
Content (%): 100.
CAS Number: 65997-15-1.
Classification: According to IS-1 part 1 (as per EN-197).
EINECS No.: 266-043-4

3. Hazards Identification

Most important hazards: Irritant.

Specific hazards:

- Irritating to eyes.
- Irritating to respiratory system.
- Irritating to skin.
- Contains particles smaller than 2.5 micron.

4. First aid measures

Skin contact: Rinse immediately with plenty of water and mild soap (pH=7) and seek medical advice.
Eye contact: Rinse immediately with plenty of water for of 15 minuets minimum (also in case of using contact lenses). Call for medical help.
Ingestion: Drink large amount of water and do not motivate vomit. Seek medical advice.
Respiratory: Locate the injured into a fresh air environment. In case of breathing difficulties inhale the injured with medical oxygen. In case of no breathing start CPR. In any case seek medical advice.

5. Fire fighting measures

N/A

6. Accidental release measures

Personal precautions: Wear eye / face suitable protection. Avoid the immediate area.
Environmental precautions: Mark the spill and cover the spill with suitable material.
Methods for cleaning: Vacuum cleaning and transport to authorized disposal areas.

7. Handling and storage

Non-hazardous for air, sea and road freight.

Avoid contact with skin.

Avoid contact with eyes.

Cement sacks (50Kg) must be lifted by suitable means only and according to the ACGIH standards.

It is forbidden to manually lift and/or handle a 50Kg cement sack by a single person.

8. Exposure Controls

Personal protection equipment: Wear suitable protective clothing. Use in a well ventilated area.

Eye protection: Wear eye / face protection.

Hand protection: Wear suitable gloves.

9. Physical and chemical properties

Appearance: Fine white to gray powder.

Odour: Odorless.

pH: > 12.5

Boiling point, Melting point, Flashpoint, Explosive properties, Vapor pressure, Solubility: N/A.

Density: 2.95 – 3.15 gr/cm².

10. Stability and reactivity

Stable. Will solidify over a period of hours if moistened or wet. Absorbs moisture from the air (and solidifies) over prolonged periods unless kept in a dry atmosphere.

11. Toxicological information

Dust acts as a skin and respiratory irritant. Dust and wet cement act as a serious eye irritant.

Long-term or repeated exposure may lead to contact dermatitis.

Typical OES 8hr TWA 10mg/m³ inhalable dust.

12. Ecological information

N/A

13. Disposal Considerations

Dispose in authorized locations only.

14. Transport information

Must be transported in an authorized sealed container.

Classification data: Irritant.

15. Regulatory information

Produced according to the Israeli standards and regulations.

16. Other Information

This information was last updated on September 7, 2004. We have tried to make it as accurate and useful as possible, but can take no responsibility for its use, misuse, or accuracy. More information can be obtained at Neshor Technical Support Department (03-6211607 or 1-700-70-2005).

