



SAFETY DATA SHEET

1. Identification of the substance/preparation and the company

LIGHT MAGNESIUM OXIDE N50, LIGHT MAGNESIUM OXIDE H30

Richard Baker Harrison Ltd
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Ilford
Essex IG1 4TQ

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2. Composition/information on ingredients

Magnesium oxide paste.

Magnesium Oxide CAS.No: 1309-48-4 EINECS: 215-171-9 EC : 025-199-09-0

3. Hazards identification

Magnesium oxide >97.5%

4. First-aid measures

First Aid – Eyes	Rinse opened eye for several minutes under running water.
First Aid – Skin	Wash with soap and water and rinse thoroughly
First Aid – inhalation	Supply fresh air
First Aid – ingestion	Rinse out mouth and then drink plenty of water. Greater amounts of magnesium oxide may cause diarrhoea, cramp, gastric or intestinal trouble.

Consult doctor in case of symptoms.

5. Fire-fighting measures

Extinguishing media: Use fire fighting measures that suit the environment.

6. Accidental release measures

General information Avoid formation of dust, collect mechanically. Do not allow product to reach watercourses/sewage systems.

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7. Handling and storage

Handling Ensure good ventilation at workplace. No special measures required.

Storage Store in a cool, dry place.

8. Exposure controls/Personal protection

Occupational exposure standards

Substance	Occupational Exposure Limits 8 Hour TWA	
	Total Dust mg/m ³	Respirable Dust mg/m ³
Magnesium oxide	10.00	4.00

General Information Goggles should be worn if necessary. Overalls and protective gloves are recommended. In case of dust , use Niosh approved dust filter.

9. Physical and chemical properties

Form: powder
 Colour: white
 Odour: odourless
 Flash point: not applicable
 Solubility in water: insoluble
 Vapour pressure: not applicable
 Specific gravity: 3.6 g/cm³
 Flammability: non-flammable
 Explosive limits: not applicable

10. Stability and reactivity

Stability Stable under normal conditions.

Hazardous decomposition: None

Hazardous reactions: Strong acids or oxidants. Will react with water.

11. Toxicological information

Oral LD₅₀ >5000 mg/kg rat

Dermal LD₅₀ >2000 mg/kg rabbit

Primary irritant effect on skin

12. Ecological information

No specific adverse effects known. Do not allow product to reach ground water, water bodies or sewage systems.

13. Disposal considerations

May be disposed of in approved landfills provided local regulations are observed.

14. Transport information

No special requirements for transportation by sea, road, rail or air.

15. Regulatory information

No labelling is required for this material by the Classification Packaging and labelling of Dangerous Substances Regulations 1984 and corresponding EEC directives.

Occupational Exposure Standard (OES) for dusts 10 mg/m³ (Total dust) or 4 mg/m³ (respirable dust)

16. Other Information

This data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.