



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : M 12225
Product Name : MAGNESIUM OXIDE LIGHT

Manufacturer/supplier identification

Company : NICE Chemicals (P) Ltd., Cochin, India
Tel - 0484 2800212, 2802755

Contact for information : Tel. No.- 0484 2802536 Fax : 0484 2802483
Emergency Telephone No. : 0484 2801583 Telefax No. : 0484 2802483

2. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : Magnesia usta
CAS-No : 1309-48-4 EC No. : 215-171-9
Molar Mass : 40.30 EC Index No. : -----
Molecular Formula : MgO

3. HAZARDS IDENTIFICATION : No evaluative data are available, a classification according to categories of danger as specified in Directive 67/548/EEC and laid down in the legislation of the country concerned can therefore not be made.

4. FIRST AID MEASURES : After skin contact : Wash off with plenty of water.

Remove contaminated clothing.

After eye contact : Rinse out with plenty of water.

After inhalation : Fresh air. Apply mouth-to-mouth resuscitation or mechanical ventilation if necessary.

Summon Doctor.

After swallowing (large amounts) :

Consult Doctor, if feeling unwell.



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5. FIRE-FIGHTING MEASURES : Suitable extinguishing media : In adaption to materials stored in the immediate neighbourhood.
Special risks : None
Special protective equipment for fire fighting : Non-combustible.

6. ACCIDENTAL RELEASE MEASURES

Person related precautionary measures : Avoid substance contact. Avoid generation of dusts;do not inhale dusts.
Procedures for cleaning/absorption: Take up dry. Forward for disposal. Clean up affected area.

7. HANDLING AND STORAGE : Handling : No further requirements.
Storage : Tightly closed. Dry.
Storage temperature : No restrictions.

8. EXPOSURE CONTROLS/ : Respiratory protection : Required when dusts are
PERSONAL PROTECTION generated.

Eye Protection : Required
Hand Protection : Not required

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Industrial hygiene : Change contaminated clothing.
Wash hands after working with substance.



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9. PHYSICAL & CHEMICAL PROPERTIES

Form : Solid
Colour : white
Odour : Odourless

pH value (20°) : ~ 10 (saturated solution)
Melting temperature : ~2800° C
Boiling temperature : Not available
Ignition temperature : Not available
Flash Point : Not available
Explosion limit lower : Not available
 upper : Not available
Relative vapour density : Not available
Density (25° C) : 3.58 gm/cm³
Bulk Density : ~100 gm/cm³
Solubility in Water (20° C) : Insoluble
 Ethanol (20° C) : Insoluble

10. STABILITY & REACTIVITY : Conditions to be avoided : No information available.

Substances to be avoided : No information available.

Hazardous decomposition products :

No information available.

11. TOXICOLOGICAL INFORMATION

Acute toxicity : Quantitative data on the toxicity of this product are not available.

Further toxicological information : Inhalation of the dusts should be avoided as even inert dusts may impair respiratory organ functions.

Further data : Our own experience has provided no indication of any hazardous potential.



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12. ECOLOGICAL INFORMATION : Quantitative data on the ecological effect of this product are not available.

Further ecologic data : Due to the poor solubility of the product, no harmful effects on plants and aquatic organisms are to be expected when handled and used with due care and attention. No ecological problems are to be expected when the product is handled and used with due care and attention.

13. DISPOSAL METHOD : Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like house-hold waste or recycled.

There are no uniform EC Regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. Approved waste disposal companies which will advise you on how to dispose of special waste.

14. TRANSPORT INFORMATION : Not subject to transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol : ----

R-phrases : ----

S-phrases : 22 Do not breathe dust.

Water pollution class : 1 (slightly polluting substance)
(own classification)



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16. OTHER INFORMATION

General update :

The information contained herein is based on the present state of our knowledge.

It characterises the product with regard to the appropriate safety precautions.

It does not represent a guarantee of the properties of the product.
