



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : M 13025
Product Name : MAGNESIUM CARBONATE 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 : Magnesium Carbonate basic

CAS-No : 12125-28-9 EC No. : 235-192-7
Molar Mass : ~485 EC Index No. : -----
Molecular Formula : $\sim 4\text{MgCO}_3 \cdot \text{Mg}(\text{OH})_2 \cdot 5\text{H}_2\text{O}$

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
with the eyelid held wide open.
After inhalation : Fresh air.
After swallowing : make victim drink plenty of water,
induce vomiting, summon doctor.



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5. FIRE-FIGHTING MEASURES : Suitable extinguishing media : In adaption to materials stored in the immediate neighbourhood.
Special risks : No information available.
Other information : 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. At +15° C to +25° C

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory protection : Required when dusts are generated.

Eye protection : Required

Hand protection : 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 at 50 g/l H₂O(20°) : ~ 10.5 (suspension)
Melting temperature : 700° 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 (20° C) : 2.16 gm/cm³
Bulk Density : ~80 - 100 kg/m³
Solubility in Water (20° C) : Insoluble
Thermal decomposition : > 700° C

10. STABILITY & REACTIVITY : Conditions to be avoided : Strong heating
 Substances to be avoided : Acids
 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 :

After swallowing : nausea, vomiting, diarrhoea, gastric pain.

Further data : No toxic effects are to be expected when the product is handled appropriately.



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12. ECOLOGICAL INFORMATION

Ecotoxic effects : 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/or aquatic organisms are to be expected when handled and used with due care and attention.

The following applies to magnesium compounds in general: lethal for fish
100 -400 mg/l.

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 : ----

Water pollution class : 0 (generally nonpolluting 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.
