


 <b>Sujata</b> Nutri-Pharma	<b>SUJATA NUTRI-PHARMA PVT. LTD.</b> 875/2, GIDC Estate, Makarpura, Vadodara-390010
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<b>SECTION 1: Identification of the substance/mixture and of the company/undertaking</b>
<p><b>1.1 Product identifiers</b>  Product name : Magnesium Hydroxide  CAS-No. : 1309-42-8</p> <p><b>Relevant identified uses of the substance or mixture and uses advised against</b>  Identified uses : Laboratory chemicals, Industrial &amp; for professional use only.</p> <p><b>1.3 Details of the supplier of the safety data sheet</b> Company : Sujata Nutri-Pharma Pvt. Ltd.  875/2 GIDC Estate Makarpura Vadodara 390010, Gujarat , India  Telephone : 0265-3500351  Website : www.sujatanutripharma.com  Email : info@sujatanutripharma.com Company : sujata chemicals  875/2 GIDC Estate Makarpura Vadodara 390010, Gujarat , India  Telephone : 02652630325  Website : www.sujatachemicals.com  Email : info@sujatachemicals.com</p> <p><b>1.4 Emergency telephone number</b>  Emergency telephone : 02652630282 (9:00 to 6:00) office hours only</p>
<b>SECTION 2: Hazards identification</b>
<p><b>2.1 Classification of the substance or mixture</b>  <b>Classification according to Regulation (EC) No 1272/2008</b>  Skin irritation (Category 2), H315  Eye irritation (Category 2), H319  Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335  For the full text of the H-Statements mentioned in this Section, see Section 16</p> <p><b>Classification according to EU Directives 67/548/EEC or 1999/45/EC</b>  Xi Irritant R36/37/38  For the full text of the R-phrases mentioned in this Section, see Section 16.</p> <p><b>2.2 Label elements</b>  <b>Labelling according Regulation (EC) No 1272/2008</b>  Pictogram</p>

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Signal word Warning

Hazard statement(s)

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation

Precautionary statement(s)

P261 Avoid breathing dust.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard none

Statements

**2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher

**SECTION 3: Composition/information on ingredients**

**3.1 Substances**

Formula : H<sub>2</sub>MgO<sub>2</sub>

Molecular weight : 58,33 g/mol

CAS-No. : 1309-42-8

EC-No. : 215-170-3

**Hazardous ingredients according to Regulation (EC) No 1272/2008**

Component	Classification	Concentration
<b>Magnesium hydroxide</b>		
CAS-No. 1309-42-8	Skin Irrit. 2; Eye Irrit. 2; STOT	<= 100 %
EC-No. 215-170-3	SE 3; H315, H319, H335	

**Hazardous ingredients according to Directive 1999/45/EC**

Component	Classification	Concentration
<b>Magnesium hydroxide</b>		
CAS-No. 1309-42-8	Xi, R36/37/38	<= 100 %
EC-No. 215-170-3		

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For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

#### Section 4: First Aid Measures

##### 4.1 Description of first aid measures

###### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

###### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

###### In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

###### In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

###### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

##### 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

##### 4.3 Indication of any immediate medical attention and special treatment needed

No data available

#### SECTION 5: Fire fighting measures

##### 5.1 Extinguishing media

###### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

##### 5.2 Special hazards arising from the substance or mixture

Magnesium oxide




##### 5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

##### 5.4 Further information




No data available

#### SECTION 6: Accidental release measures

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<p><b>6.1 Personal precautions, protective equipment and emergency procedures</b>            Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.            For personal protection see section 8.</p> <p><b>6.2 Environmental precautions</b>            Do not let product enter drains.</p> <p><b>6.3 Methods and materials for containment and cleaning up</b>            Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.</p> <p><b>6.4 Reference to other sections</b>            For disposal see section 13.</p>
<b>Section 7: Handling and Storage</b>
<p><b>7.1 Precautions for safe handling</b>            Avoid contact with skin and eyes. Avoid formation of dust and aerosols.            Provide appropriate exhaust ventilation at places where dust is formed.            For precautions see section 2.2.</p> <p><b>7.2 Conditions for safe storage, including any incompatibilities</b>            Store at ambient/room temperature away from sunlight in a tightly closed condition.            Storage class (TRGS 510): Non Combustible Solids</p> <p><b>7.3 Specific end use(s)</b>            Apart from the uses mentioned in section 1.2 no other specific uses are stipulated</p>
<b>Section 8: Exposure Controls/Personal Protection</b>
<p><b>8.1 Control parameters</b>  <b>Components with workplace control parameters</b></p> <p><b>8.2 Exposure controls</b>  <b>Appropriate engineering controls</b>            Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.</p> <p><b>Personal protective equipment</b>  <b>Eye/face protection</b>            Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).</p> <p><b>Skin protection</b>            Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.            Wash and dry hands.</p> <p><b>Body Protection</b></p>

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impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure**

Do not let product enter drains.




**Section 9: Physical and Chemical Properties**

**9.1 Information on basic physical and chemical properties**

- a) Appearance Form: powder  
Colour: white
- b) Odour No data available
- c) Odour Threshold No data available
- d) pH 9,5 - 10,5
- e) Melting point/freezing Melting point/range: 350 °C - lit. point
- f) Initial boiling point and No data available boiling range
- g) Flash point Not applicable
- h) Evaporation rate No data available
- i) Flammability (solid, gas) No data available
- j) Upper/lower No data available flammability or explosive limits
- k) Vapour pressure No data available
- l) Vapour density No data available
- m) Relative density 2,360 g/cm<sup>3</sup>
- n) Water solubility insoluble
- o) Partition coefficient: n- No data available octanol/water
- p) Auto-ignition No data available temperature
- q) Decomposition Temperature No data available
- r) Viscosity No data available
- s) Explosive properties No data available
- t) Oxidizing properties No data available




**9.2 Other safety information** : No data available

**Section 10 : Stability and Reactivity Data**

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<p><b>10.1 Reactivity</b> No data available</p> <p><b>10.2 Chemical stability</b> Stable under recommended storage conditions.</p> <p><b>10.3 Possibility of hazardous reactions</b> No data available</p> <p><b>10.4 Conditions to avoid</b> No data available</p> <p><b>10.5 Incompatible materials</b> Strong oxidizing agents, Strong acids</p> <p><b>10.6 Hazardous decomposition products</b> Other decomposition products - No data available In the event of fire: see section 5</p>
<b>Section 11 : Toxicological Information</b>
<p><b>11.1 Information on toxicological effects</b></p> <p><b>Acute toxicity</b> LD50 Oral - Rat - 8.500 mg/kg</p> <p><b>Skin corrosion/irritation</b> <b>Serious eye damage/eye irritation</b> Eyes - Rabbit Result: Moderate eye irritation</p> <p><b>Respiratory or skin sensitisation</b> No data available</p> <p><b>Germ cell mutagenicity</b> No data available</p> <p><b>Carcinogenicity</b> IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.</p> <p><b>Reproductive toxicity</b> No data available</p> <p><b>Specific target organ toxicity - single exposure</b> Inhalation - May cause respiratory irritation.</p> <p><b>Specific target organ toxicity - repeated exposure</b> No data available</p> <p><b>Aspiration hazard</b> No data available</p> <p><b>Additional Information</b> RTECS: OM3570000 To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.</p>
<b>Section 12 : Ecological Information</b>

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#### Section 15: Other Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

#### 15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

#### Section 16 : Other Information

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Other information: None.

#### Full text of H-Statements referred to under sections 2 and 3.

Eye Irrit. Eye irritation

H315 Causes skin irritation.

H319 Causes serious eye irritation.




H335 May cause respiratory irritation.

Skin Irrit. Skin irritation

STOT SE Specific target organ toxicity - single exposure

#### Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sujata Nutri-Pharma Pvt.Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product.

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