



# STAR GRACE MINING CO.,LTD

ADD: 29-67, NO.929, XINAN ROAD, SHAHEKOU DISTRICT, DALIAN, LIAONING, CHINA

E-mail: [maggiewang@magnesium-fertilizer.com](mailto:maggiewang@magnesium-fertilizer.com) Web: [www.magnesium-fertilizer.com](http://www.magnesium-fertilizer.com)

Tel: +86 0411-62672278

Fax: +86 0411-6263 1121

## Material Safety Data Sheet

### IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Chemical Name	: Brucite
Synonyms	: Magnesium Hydroxide
Chemical Formula	: Mg(OH) <sub>2</sub>
CAS NO	: 1309-42-8
Creation Date	: Feb.,01, 2022
Expiry Date	: Feb.01,2024

### THE COMPANY UNDERTAKING

Supplier	: Star Grace Ming Co., Ltd
Telephone Number	: 86-411-84507556
Fax Number	: 86-411-84507031
Emergency Phone Number	: 86-411-39034985



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## PHYSICAL DATA

Appearance: white or light grey powder

Melting point: NA

Boiling point: NA

Water solubility: Insoluble

## STABILITY

Stable. Incompatible with bromine trifluoride, bromine trichloride, phosphorus pentachloride.

## FIRE AND EXPLOSION HAZARDS

Flammability: Non Flammable

## Means of Extinction: Non Combustible

## TOXICOLOGY

Respiratory and eye irritant. Typical TLV/TWA 10 mg/m<sup>3</sup>. Toxicity data (The meaning of any abbreviations which appear in this section is given here.)



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Risk phrases (The meaning of any risk phrases which appear in this section is given here.)

## **TOXICOLOGICAL PROPERTIES**

Route of Entry – Inhalation

### ***Acute Health Effects:***

Eye - May cause irritation

Skin - May cause irritation

Inhalation (of dust) - May cause respiratory tract irritation

Ingestion - May cause upset stomach

### ***Effects of Chronic Exposure:***

Excessive inhalation of mineral dust for very long periods of time, may cause industrial bronchitis, reduced breathing capacity, and increase susceptibility to other lung diseases.

### ***Irritancy***

May Cause Irritation

### ***Carcinogenicity***

None

### ***Teratogenicity***

No Data Available



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## ***Respiratory Tract Sensitization***

No Data Available

## **PREVENTIVE MEASURES**

### ***Personal Protective Equipment:***

Gloves - Not required but recommended

Footwear – Normal Respiratory - Wear NIOSH/MSHA approved respiratory protection

Clothing - Normal long sleeved work clothes

Eyes - Safety goggles recommended

Leak and Spill Procedures: Use broom or dry vacuum to collect material for reuse or proper disposal. Avoid creating dust. Rinse area with water. Prevent large spills from entering sewers and waterways.

***Waste Disposal:*** Dispose of in accordance with all applicable Federal, Provincial, State and local Environment Regulations.

***Storage Requirements:*** Store in dry area. Keep away from incompatible materials such as strong acids and interhalogens.



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## FIRST AID MEASURES

Skin: Wash with soap and water.

Eyes: Flush with large amounts of water.

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Drink large quantities of water. Bring to the attention of a physician.

## TRANSPORT INFORMATION

Non-hazardous for air, sea and road freight.

Personal protection

Do not breathe dust.

Safety phrases

(The meaning of any safety phrases which appear in this section is given here.)

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

*For and on behalf of*  
STAR GRACE MINING CO., LIMITED

*Menzhi chao*  
.....  
Authorized Signature(s)