

HEBEI MEISHEN TECHNOLOGY CO.,LTD.

NO.80 NORTH ROAD,XINZHUANG,QIAODONG DISTRICT,XINGTAI CITY.

MATERIAL SAFETY DATA SHEET

Exporter/Manufacturer Name: Xingtai City Meishen Chemical Co.,Ltd.

Exporter/Manufacturer Address: NO.80 North Road, Xinzhuang, Qiaodong District, Xingtai City, Hebei Province,China

SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 PRODUCT IDENTIFIER

PRODUCT NAME: Magnesium Oxide

CHEMICAL FORMULA: MgO

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

USE OF THE SUBSTANCE/MIXTURE: Raw material

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

COMPANY NAME: Xingtai City Meishen Chemical Co., Ltd.

COMPANY ADDRESS: NO.80 North Road, Xinzhuang, Qiaodong District,Xingtai City, Hebei Province,China

TEL: 0086-319-3928534

FAX: 0086-319-3928502

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

2.1 SUBSTANCE

CHEMICAL NATURE: CAS NO. 1309-48-4 Magnesium Oxide

REMARKS: No dangerous ingredients according to Regulation (EC) No. 1907/2006

2.2 MIXTURES

SECTION 3 - HAZARDS IDENTIFICATION

3.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION (REGULATION (EC) NO. 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

3.2 LABEL ELEMENTS

3.3 OTHER HAZARDS

SECTION 4 - FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

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IF INHALATION: Remove person to fresh air. If signs/symptoms continue, get medical attention.

Oxygen or artificial respiration if needed.

If unconscious place in recovery position and seek medical advice.

IN CASE OF SKIN CONTACT: Wash off with soap and water

IN CASE OF EYE CONTACT: Rinse thoroughly with plenty of water, also under the eyelids.

If symptoms persist, call a physician.

IF SWALLOWED: Clean mouth with water and drink afterwards plenty of water.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS,BOTH ACUTE AND DELAYED

SYMPTOMS: Convulsions

Stomach/intestinal disorders

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

SECTION 5 - FIRE FIGHTING MEASURES

5.1 EXTINGUISHING AGENTS:

SUITABLE EXTINGUISHING MEDIA: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

FLAMMABLE PROPERTIES: Noninflammable.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 LEAK AND SPILL PROCEDURES:

Pick-up spills without creating dust.

Place material into a dry container and cover. Hold in sealed container for disposal.

Use personal protective equipment as required (See Section 8 - Exposure Controls and Personal Protection).

SECTION 7 - HANDLING AND STORAGE

7.1 HANDLING PROCEDURES AND EQUIPMENT:

Avoid inhalation of dust. Clean area frequently to avoid dust build-up. Wear applicable personal protective equipment as indicated in Section 8 - Exposure Controls and Personal Protection.

STORAGE REQUIREMENTS:

Store in a dry, cool and well-ventilated place.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS:

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Engineering controls may include process enclosure and/or local exhaust ventilation to maintain dust concentrations below allowable exposure limits. Local exhaust ventilation with or without process enclosure is important where large quantities are handled, as in bagging operations.

8.2 PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION: If adequate engineering controls are not available, wear respirator approved by NIOSH/MSHA for dusts/mists, as applicable. If magnesium oxide fume is likely to be produced then ensure that a NIOSH/MSHA respirator approved for fumes is used. In conditions of oxygen deficiency, or where airborne concentrations exceed 100mg/m³, wear positive pressure or pressure demand supplied air respiratory protection or SCBA.

EYE/SKIN PROTECTION: Wear safety goggles in high dust concentrations, unless full face-piece respiratory protection is worn. Wear coveralls.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White to light brown powder/granules

COLOUR: White

ODOUR : Odourless

PHYSICAL STATE: Solid

BOILING POINT: Approx. 3600°C

MELTING POINT: Approx. 2800°C

SPECIFIC GRAVITY: 3.58 g/cc

WATER SOLUBILITY (@20°C): 0.0006 g/100ml

SECTION 10 - STABILITY AND REACTIVITY

10.1 CHEMICAL STABILITY:

Stable under normal conditions.

10.2 CONDITIONS TO AVOID:

Avoid contact with water - product reacts exothermically with water to form magnesium hydroxide.

10.3 INCOMPATIBLE SUBSTANCES:

Strong acids and oxidizing agents.

10.4 HAZARDOUS DECOMPOSITION PRODUCTS:

No data available

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity:LD50 Oral: >5.000mg/kg

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11.2 IRRITANCY: May cause irritancy of eyes, skin or nasal passages

SECTION 12 - ECOLOGICAL INFORMATION

12.1 TOXICITY: No Data Available

12.2 ECOTOXICITY: No Data Available

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS:

This product does not meet the criteria of a hazardous waste. Dispose in accordance with all applicable Federal, Provincial/State, and local Environment Regulations.

SECTION 14 - TRANSPORT INFORMATION

ADR: Not dangerous goods

IATA: Not dangerous goods

IMDG: Not dangerous goods

RID: Not dangerous goods

SECTION 15 - REGULATORY INFORMATION

SYMBOLS: Nothing

R PHRASE: Nothing

S PHRASE: Nothing

CAS NO.:1309-48-4

EINEC NO.: 2151719

SECTION 16 - OTHER INFORMATION

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