



绍兴上虞洁华化工有限公司

Shaoxing Shangyu Jiehua Chemical Co., Ltd.

Chemical Safety Data Sheet

Section 1 Product and Company Identification

Product Name	Magnesium Peroxide
Manufacturer name	SHAOXIN SHANGYU JIEHUA CHEMICAL CO., LTD.
Manufacturer address	Weiyi East Road 1# , Hangzhou Bay Shangyu economic and Technological Development Area, Zhejiang Province P. R. China
Manufacturer post code	312300
Manufacturer fax	+86-575-82211434
Manufacturer email	wangyan@shangyuchem.com/wjy-8012@163.com
Emergency number	+86-532-83889090
Effective date	Dec 28, 2015

Section 2 Hazards Identification

Hazard class and label elements of the substance according to GHS(the fifth revised edition):

GHS hazard class

Physical hazard(s) Oxidizing solids category2

Pictogram



Signal

Hazard statement(s)



绍兴上虞洁华化工有限公司

Shaoxing Shangyu Jiehua Chemical Co., Ltd.

Precautionary statements H272 May intensify fire;oxidier

Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.No smoking.

P220 Keep away from clothing and other combustible materials.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Disposal

P501 Dispose of contents/container in accordance with local/ regional/ national/international regulations.

Danger

Section 3 Composition/Information on Ingredients

Component	Concentration(%)	CAS No.	EC No.
Magnesium Peroxide	30-40	1335-26-8	215-627-7
Magnesium Oxide	0-5	1309-48-4	215-171-9
Magnesium Hydroxide	55-63.5	1309-42-8	215-170-3
Water	1-6.5	7732-18-5	231-791-2

Section 4 First Aid Measures

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

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

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

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



绍兴上虞洁华化工有限公司

Shaoxing Shangyu Jiehua Chemical Co., Ltd.

Section 5 Fire Fighting Measures

Hazardous products of combustion	No data available
Extinguishing method	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special protective equipment	Wear self contained breathing apparatus for fire fighting if necessary.

Section 6 Accidental Release Measure

Personal protective measures	Use personal protective equipment. Avoid dust formation. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
Environmental protective measures	Prevent the spills inflow to a sewer and then place in suitable container.
Methods for taking in and cleaning up	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7 Handling and Storage

Handling	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
Storage	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.



Section 8 Exposure Controls/Personal Protection

Engineering Controls	Safety shower and eye bath. Mechanical exhaust required.
Respiratory protection	Use a full-face supplied air respirator.
Eye protection	Wear chemical goggles.
Hand Protection	Wear impervious chemical resistant gloves.
Body protection	Protective work clothing.

Section 9 Physical and Chemical Properties

Appearance	White or Light yellow solid
Odour	No data available
Odour Threshold	No data available
pH	9.5~11.5
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density (g/L)	No data available
Water solubility	Practically Insoluble
Partition coefficient: noctanol/water	No data available
Autoignition temperature	No data available
Decomposition temperature	350°C
Viscosity	No data available



绍兴上虞洁华化工有限公司

Shaoxing Shangyu Jiehua Chemical Co., Ltd.

Section 10 Stability and Reactivity

Reactive	No data available.
Chemical stability	Stable under the condition recommended.
Possibility of hazardous reactions	No data available.
Avoid conditions	Heat, flames and sparks.
Incompatible materials	Strong reducing agent, water, acids, flammable materials.
Hazardous decomposition products	Fire could produce irritating, corrosive and toxic gases.

Section 11 Toxicological Information

Acute toxicity: Magnesium hydroxide: LD50(rat,Oral) 8500mg/kg
Skin corrosion/irritation: No data available.
Serious eye damage/eye irritation: No data available.
Respiratory or skin sensitization: No data available.
Germ cell mutagenicity: No data available.
Carcinogenicity: No data available.
Reproductive toxicity: No data available.
Specific target organ toxicity – single exposure: No data available.
Specific target organ toxicity – repeated exposure: No data available.
Aspiration hazard: No data available.

Section 12 Ecological Information

Toxicity: No data available.
Persistence and degradability: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.
Other adverse effects: No data available.

Section 13 Disposal Considerations



绍兴上虞洁华化工有限公司

Shaoxing Shangyu Jiehua Chemical Co., Ltd.

Property of waste: Hazardous Waste.

Methods of disposal: Dispose of in a manner consistent with federal, state, and local regulations.

Precautions of disposal: Professional processing together.

Section 14 Transport Information

UN number: 1476

UN proper shipping name: MAGNESIUM PEROXIDE

Transportation primary hazard class: 5.1

Transportation secondary hazard class: ——

Packing group: II



绍兴上虞洁华化工有限公司

Shaoxing Shangyu Jiehua Chemical Co., Ltd.

Section 15 Regulatory Information

Component	CHINA	TSCA	ENCS	EINECS
Magnesium Peroxide	√	√	√	√
Magnesium Oxide	√	√	√	√
Magnesium Hydroxide	√	√	√	√
Water	√	√	√	√

Note 1:

CHINA - China Inventory of Existing Chemical Substances (IECSC)

TSCA - United States Inventory of Toxic Substances Control Act Chemical Substances (TSCA)

ENCS - Japan Existing and New Chemical Substances (ENCS)

EINECS - European Inventory of Existing Commercial Chemical Substances (EINECS)

Note 2:

"√" Indicates that the substance included in the regulations

"-" That no data or included in the regulations

Section 16 Additional Information

This Safety Data Sheet (SDS) was prepared according to UN GHS (the fifth revised edition), is only for users reference. Users should make their independent judgment of suitability of these information for their particular purposes.