



上虞洁华化工有限公司

Shangyu Jiehua Chemical Co., Ltd.

Chemical Safety Data Sheet

SECTION 1 IDENTIFICATION

Product Name: Synthetic Magnesium Silicate Adsorbent.

Other Name: /

Recommended use of the chemical and restrictions on use: Used as polyether adsorbent, had effects on adsorption and decolorization.

Supplier's details: SHANGYU JIEHUA CHEMICAL CO.,LTD, No.51,Baiheng Road, Baiguan Street, Shangyu City, Zhejiang Province, P.R. China.

Emergency phone number:

+8613505858301/+86-575-82211434/+86-575-82207559

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture: /

GHS Label elements, including precautionary statements:



Signal word: Irritation.

Hazard statement(s):

May cause respiratory irritation.

Precautionary statement(s):

Prevention: Keep away from heat, source of ignition, sparks or open flame. Keep in a cool, dry, well-ventilated place. Keep tightly closed until used. Avoid formation of dust and aerosols. Keep away from incompatible substance. Keep separately with antioxidants, acids, and easy burning materials. Pay attention to moisture and rain. Avoid contact with skin, eyes, mucous membranes and clothing. In case of insufficient ventilation, wear suitable respiratory equipment if ingested. Wash hands after handling. Do not eat, drink or smoke when using this product. Rinse skin with Water/shower before breaks and at the end of workday. Wear protective gloves/eye protection/face protection.

Response: IF SWALLOWED: Let victim drink plenty of water. Seek immediate medical attention. IF INHALED: Rinse mouth. Remove victim to fresh air and keep comfortable for breathing. Oxygen if needed. Get immediate medical attention. IF IN EYES: Immediately rinse eyes with plenty of water for at least 15 minutes. Use fingers separate eyelid to ensure full flush eyes. Immediately seek medical advice. IF ON SKIN (or hair): Immediately rinse skin with plenty of water. IF exposed or concerned: Get medical advice/attention.

In case of fire: Use water spray for extinction.

Storage: Store locked up. Keep in a dry, clean, cool warehouse.

Disposal: Dispose of contents/container to relevant regulations.

Other hazards which do not result in classification: /

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%(w/w)
Magnesium silicate	1343-88-0	85~100
Water	7732-18-5	balance

SECTION 4 FIRST AID MEASURES

Description of necessary first aid measures

If inhaled: Rinse mouth. Remove victim to fresh air and keep comfortable for breathing. Oxygen if needed. Get immediate medical attention.

In case of skin contact: Immediately rinse skin with plenty of water.

If in eyes: Immediately rinse eyes with plenty of water for at least 15 minutes. Use fingers separate eyelid to ensure full flush eyes. Immediately seek medical advice.

If swallowed: Rinse mouth. Let victim drink plenty of water. Seek immediate medical attention.

Most important symptoms and effects, both acute and delayed: /

Indication of immediate medical attention and special treatment needed: /

SECTION 5 FIREFIGHTING MEASURES

Suitable extinguishing media: Use water spray.

Special hazards arising from the chemical: Released in case of fire: Magnesium oxides, Silicon oxides.

Special protective actions for fire-fighters: Wear protective clothing. Including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Ensure adequate ventilation. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering. Keep unnecessary personnel away.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not allow material to be released to the environment without proper governmental permits.

Methods and materials for containment and cleaning up: Pick up and arrange disposal in suitable contaminated surface thoroughly.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with skin, eyes, mucous membranes and clothing. In case of insufficient ventilation, wear Suitable respiratory equipment if ingested. Avoid formation of dust and aerosols.

Conditions for safe storage, including any incompatibilities: Store in a cool, dry, well-ventilated place. Keep container tightly closed before use. Keep away from fire and heat. Pay attention to moisture and rain. Stored separately with incompatible substance such as reducing agents, acids, easily pollutants

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters: /

Appropriate engineering controls: Do not get this material in contact with skin. Do not get this material on clothing. Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection: Use safety glasses with side shields or Safety goggles as mechanical barrier for prolonged exposure.

Skin protection: Wear appropriate chemical resistant gloves. Use clean protective body-covering as needed to minimize contact with clothing and skin.

Respiratory protection: Use appropriate certified respirators if facing high concentrations.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	white freely flowing granule or powder.
Odour	Odourless
Odour Threshold	N.A.
pH	8~11
Melting point/freezing point	N.A.
Initial boiling point and boiling range	N.A.
Flash point	N.A.
Evaporation rate	N.A.
Flammability (solid, gas)	N.A.
Upper/lower flammability or explosive limits	N.A.
Vapour pressure	N.A.
Vapour density	N.A.
Relative density	300~550g/L
Water solubility	Insoluble
Partition coefficient: noctanol/water	N.A.
Autoignition temperature	N.A.
Decomposition temperature	N.A.
Viscosity	N.A.

SECTION 10 STABILITY AND REACTIVITY

Reactivity: /

Chemical stability:Very stable

Possibility of hazardous reactions: /

Conditions to avoid: Incompatible substance, moisture.

Incompatible materials: Avoid contact with strong acids.

Hazardous decomposition products: May include magnesium oxides and silicon oxides.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute health effects:

Ingestion: /

Inhalation: /

Skin: Causes skin irritation.

Eyes: Cause serious eye damage.

Numerical measures of toxicity (such as acute toxicity estimates): /

SECTION 12 ECOLOGICAL INFORMATION

Toxicity: /

Persistence and degradability: Readily biodegradable.

Bioaccumulative potential: Bioaccumulation is unlikely.

Mobility in soil: /

Other adverse effects: /

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal methods: Contact a licensed professional waste disposal service to disposal of this material. Dispose of in accordance with local Environment regulations or local authority Requirement.

SECTION 14 TRANSPORT INFORMATION

UN number: /

UN proper shipping name: /

Transport hazard class (es): /

Packaging group: /

Environmental hazards: /

Special precautions for user: /

SECTION 15 REGULATORY INFORMATION

Regulations:

Synthetic magnesium silicate adsorbent (CAS: 1343-88-0) is found on the following regulatory list: China (Hong Kong) Occupational Exposure Limits. China Inventory of Existing Chemical Substances. China hygienic standards for uses of food additives (GB2760-1996) - food processing aid recommended list. This safety data sheet is in compliance with the following national standards: GB16483-2008, GB13690-2009, GB6944-2005, GB/T15098-2008, GB18218-2009, GB15258-2009, GB6944-2005, GB190-2009, GB191-2009, GB12268-2008, GA57-1993, GB/T 15098-2008, GBZ 2-2007 .

SECTION 16 OTHER INFORMATION

References “The Globally Harmonized System of Classification and Labelling of Chemicals”

Form Date