

MATERIAL SAFETY DATA SHEET

Page 1 to 5

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Magnesium Stearate
Product use: Co-stabilizer and lubrication for production of PVC stabilizer.
Company:

Dongguan Baoxu Chemical Technology, Ltd.
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Email:info@additivesforpolymer.com Web:www.additivesforpolymer.com
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Emergency telephone number: 86-769-22821082

SECTION 2. COMPOSITION/ INFORMATION ON INGREDIENTS

Distinction of Single or Compound: Single

Chemical Name : Magnesium Stearate

Chemical Formula : Mg (C₁₈H₃₅O₂)₂

CAS No. : 557-04-0

TSCA : The ingredients of those materials are all on the TSCA Inventory edited 1991.

UN No. : Not listed

The United Nation classification : Non-correspondence

EINECS No. : 2091503

FDA : Not listed

SECTION 3. HAZARDS IDENTIFICATION

Appellation of Classification : Non-correspondence

Hazard : No finding

Environment Effect : No finding

SECTION 4. FIRST-AID MEASURES

Eye : In case of entering in eyes, irrigate with flowing water immediately and continuously for 15 minutes at least, after that, get an allowance by ophthalmologist.

Open the eyelid well by the fingers at washing and wash it so that water may spread well even in every corner of the eyeball and the eyelid.

Do not rub the eyes and do not shut hard.

Skin : Wash the stick or the contact part with soap after washing off the dirt polluted on clothes and shoes and flush it in a large amount of water.

Inhalation : move the sufferer to the place under the condition of fresh air immediately.

Blow nose and rinse mouth if necessary.

Ingestion: Rinse mouth with water well. Insert the fingers in the throat order to vomit if possible and get the medical attention immediately.

Notes on labor hygiene

: Enforcing of wearing a protector, washing both hands and rinsing mouth.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing method

: Move the burning matter promptly to a safe place.

If it is impossible, sprinkle with water surrounding the burning matter to cool and put out the fire so as to wrap the burning matter with a fire extinguisher.

Fire extinguisher

: A powder, a bubble or water.

Protection of the extinguisher

: At the extinguisher fire working, the extinguisher must put on protector without fail.

SECTION 6. ACCIDENTAL RELEASE MEASURES

The common measures of large quantities and the small quantity of both case

: Seep and move it into an empty package as much as possible by way of no dispersion of the dust, remove by a vacuum cleaner and flush down with a large of water.

Put on a protector without fail at working, and do not work in the leeward.

Use a safe tool such as not generating the spark.

In case of a small quantity

: Collect it by way of no dispersion of the dust such as sweeping or vacuum.

In case of large quantities

: Entering of people is prohibited in the place where the dust is dispersing by putting the rope around there.

Collect the dispersed matter into an empty or new package as much as possible by way of not dispersing of the dust, afterwards, flush with a large amount of water.

Use the dispersing agent such as neutral type of detergent at flushing.

SECTION 7. HANDLING AND STORAGE

Handling: Put on a proper protector in order to prevent to swallow up in the throat and come in contact with the eyes or skin at the handling.

Do not handle the package rudely so as to make falling down, dropping, putting on the impact or drag.

Keep clean the resting place and do not bring any polluted protector into the resting place.

Do not eat, drink and smoke excluding the specified place.

For the static electricity measures, take all measures to meet the earth of devices or equipment.

Storage : Prevent any damage of packages.

Do not leave it while opened.

Clean it immediately when spilling.

Keep it in a clean and dry indoor warehouse.

Do not put any foods or drinks near by.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

As permissible level

ACGIH-TLV-TWA	: 10mg/m ³ (stearic acid)	1999
ACGIH-TLV-STEL	: No publishing	
OSHA-PEL	: No publishing	
China Society Occupational Health		
	: 2 mg/m ³ (Inhalation property dust)	2004
	: 8 mg/m ³ (Total dust)	2004

Measures for equipment

: Use a local ventilation at the place where the dust is generated.

Prepare facilities such as shower, washroom and facial cleansing equipment in the vicinity of the handling place of equipment and indicate each location clearly.

Protector : Prepare a dustproof mask, protection glasses and rubber gloves.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Granule	Hue	: White or pale yellow
Odour	: Slightly fatty	The hygroscopic property	: None
The deliquescency	: None	The sublime	: None

Volatilize : None
Corrosion behavior : None
Crystalline : None
Bulk density : No finding

Melting point : 115~125°C
Octanol/water partition coefficient : No finding
Dissolution to organic solvent : No finding

SECTION 10. STABILITY AND REACTIVITY

Self reactivity and explosion : No finding
Reactivity with water : No finding
Photoreactivity : No finding
Stability and reactivity : It stabilizes under normal atmosphere.
Autolyzing : No finding
Oxidizability : No finding
Hydrolyzablity : No finding
Hypergolic : No finding

SECTION 11. TOXICOLOGICAL INFORMATION

Sensitization : No finding
The procreation toxicity : No finding
The acute toxicity : Rat LD₅₀ 10mg/kg
Topical effect : No finding
Carcinogenic : No finding
Chronic toxicity : No finding

SECTION 12. ECOLOGICAL INFORMATION

Decomposition : No finding
Accumulation : No finding
Living body residual property : No finding
Mobility : No finding
Living body toxicity : No finding

SECTION 13. DISPOSAL INFORMATION

Mix with a combustion supplementary agent (kerosene etc.), do atomization to the hearth in an incinerator, and incinerate it. Carbon monoxide and hydrocarbon are generated from this product when burning. Disposes after the contents are completely removed when the hollow container is abandoned.

SECTION 14. TRANSPORT INFORMATION

Notes in land transport

: Non-dangerous goods

Confirms that there is no leakage of container, and load them so as not to fall down, drop nor damage, and prevent cargo shifting at the transport.

Notes in marine transport

: Non-dangerous goods

Notes in air transport

: Non-dangerous goods

The prohibition matter in transportation

: Do not handle rudely, do not bring the heat source body and do not make getting wet by water.

SECTION 15. REGULATORY INFORMATION

See SECTION 8.

Other national regulations may be applicable.

SECTION 16. OTHER INFORMATION

Nothing in particular

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