

MATERIAL SAFETY DATA SHEET OF

Calcium Acetate 98% powder

1. IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Supplier: Shanghai Bosman Industrial Co., Ltd

Street address: Rm. 1804, No. 1611, North Sichuan Road, Hongkou, Shanghai R.P. China

Tel: + 86 21 63065878

Fax: + 86 21 63065878

Product name: Calcium Acetate 98% powder

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP) .

Label elements

Hazard pictogram(s)

Signal word: Not applicable.

Hazard statement(s): Not applicable.

Safety statement(s)

General: None

Prevention: None

Response: None

Storage: None

Disposal: None

Hazardous substances: None known.

Additional labelling: Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO	PROPORTION
Calcium Acetate	62-54-4	98%
others	Not available	Up to 100%

Other ingredients determined not to be hazardous

4. FIRST AID MEASURES

If swallowed: Rinse mouth, then drink plenty of water. Do not induce vomiting. Get medical advice/attention if you feel unwell.

If in eye: Immediately flush eyes with running water for several minutes, holding eyelids open and occasionally lifting the upper and lower lids. Remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists, get medical advice/attention.

If on skin: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs, get medical advice/attention.

If Inhaled : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If respiratory symptoms persist, get medical advice/attention.

Advice to Doctor: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media Use dry chemical, Carbon dioxide (CO₂), foam or water spray for extinction. Do not scatter spilled material with high pressure water streams.

Fire and Explosion Hazard Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Hazardous Products of Combustion: Fire may produce irritating and/or toxic gases, including Carbon oxides, Calcium oxides.

Special Fire Fighting Instructions Contain runoff from fire control or dilution water - Runoff may cause pollution.

Personal Protective Equipment Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.

6. ACCIDENT RELEASE MEASURES

Spill Procedures: Remove all potential ignition sources. Prevent spread of spill. Wear suitable protective equipment. Sweep or scoop into disposal container in a manner that minimizes dust dispersion.

7. HANDLING AND STORAGE

Handling Safety showers and eyewash facilities should be provided within the immediate work area for emergency use. Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Minimize dust generation and accumulation. Avoid breathing dusts or mists and contact with eyes, skin and clothing. Do not ingest. **WARNING:** May form combustible dust concentrations in air! Keep away from heat and sources of ignition - No smoking. Take precautionary measures against static discharges.

Storage Store in a cool, dry and well-ventilated place, out of direct sunlight. Keep container tightly closed. Protect from moisture (hygroscopic). Keep away from heat and sources of ignition - No smoking. Keep away from incompatible materials (see SECTION 10).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protective Equipment

Eye/face Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin and body protection: Wear appropriate protective gloves and clothing to prevent skin exposure.

Respiratory Protection: No protective equipment is needed under normal use conditions.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White powder

Odour: NA

pH: NA

Density: NA

Solubility: Soluble in water

10. STABILITY AND REACTIVITY

Stability: The product is stable under normal condition

Instability Temperature: Not available.

Conditions of Instability: Excess heat, moisture, incompatible materials.

Incompatibility with various substances: Reactive with oxidizing agents, moisture.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Very hygroscopic.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Based on available data, the classification criteria are not met.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Respiratory sensitisation: Based on available data, the classification criteria are not met.

Skin sensitisation: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

Toxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Results of PBT and vPvB assessment: This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

Endocrine disrupting properties: None known.

Other adverse effects: None known.

13. DISPOSAL CONSIDERATION

Waste Disposal Methods

Dispose of product in accordance with federal, state, provincial, and local regulations. Prevent contamination of environment by wastes. Do not release into the environment.

14. TRANSPORT INFORMATION

Status: Not regulated

UN Proper shipping name: Not regulated

Transport hazard class: Not regulated

15. REGULATORY INFORMATION

Follow all local, international laws and regulations.

16. OTHER INFORMATION

This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of the how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made the user should contact the company.

--END OF MSDS --