

Activated Alumina MSDS

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT and COMPANY IDENTIFICATION

SECTION 1 - CHEMICAL PRODUCT and COMPANY IDENTIFICATION

PRODUCT NAME: Activated Alumina

DESCRIPTION: White globate

JIANGYAN CHEMICAL ADJUVANT FACTORY

ADDRESS: Yuduo town, Jiangyan city, Jiangsu province, China.

Tel: 86-523-8641154

SECTION 2 - COMPOSITION and INFORMATION ON INGREDIENTS

CHEMICAL NAME	INGREDIENTS	CAS NUMBER
Activated Alumina	Aluminum oxide (non-fibrous)	1344-28-1
	Water	7732-18-5

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: In the fresh unused state, this product is not flammable. Repeated or prolonged exposure may irritate eyes, skin, and respiratory system. This product gets hot as it first adsorbs water.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Eye contact may produce irritation and/or redness.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Exposure to dust particles generated from this product may cause mild skin irritation (after prolonged or repeated contact); symptoms can include redness, swelling, and itching. This product gets hot after it adsorbs water.

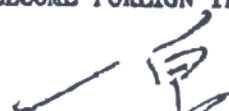
EFFECTS OF OVEREXPOSURE - INHALATION: Exposure to dust may cause respiratory irritation. Inhalation may be accompanied by coughing and chest discomfort.

EFFECTS OF OVEREXPOSURE: INGESTION: This product has a low order of oral toxicity.

EFFECTS OF OVEREXPOSURE: CHRONIC HAZARDS: Prolonged or repeated inhalation of dust may cause lung injury.

PRIMARY ROUTE OF ENTRY: Contact with skin and eyes. Exposure may also occur via inhalation or ingestion if product dust is generated.

安徽省惠康对外贸易有限公司
ANHUI WELCOME FOREIGN TRADE CO.,LTD.



SECTION 4 - FIRST AID MEASURES

INHALATION: Remove patient to fresh air. **SKIN:** Remove contaminated clothing and launder before reuse. Wash affected area with soap and water for at least 15 minutes.

EYE CONTACT: Flush with water at least 15 minutes with eyelids open. Call a physician.

INGESTION: Drink at least two

glasses of water. Never give anything by mouth to an unconscious person. **NOTE TO**

PHYSICIAN: The used product can contain material of a hazardous nature. Identify that material and treat symptomatically.

SECTIONS 5 - FIRE FIGHTING MEASURES

FLASHPOINT: NA; **FLAMMABILITY:** NA; **AUTO FLAMMABILITY:** NA

EXPLOSION HAZARD: This product in itself does not burn. The used product can retain material of a hazardous nature. Identify that material and inform the firefighters.

SPECIAL PROTECTIVE EQUIPMENT FOR A FIRE: Self-contained breathing apparatus should be worn.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PRECAUTIONS: No special environmental precautions required.

METHODS FOR CLEANUP: Sweep, shovel or vacuum spilled product into appropriate containers (do not use a vacuum if material has contacted a hydrocarbon material). Pick up disposal without creating dust. Never used spilled product. Dispose of spilled product in accordance with all applicable governmental regulations.

PERSONAL PROTECTION: Handle in accordance with good industrial hygiene and safety practices.

SECTION 7 - HANDLING AND STORAGE

HANDLING: Handle and open container with care. Avoid formation of dust particles. Avoid contact with skin and eyes. Provide an electrical ground connection during loading and transfer operations to avoid static discharge in an explosive atmosphere and to prevent persons handling the product from receiving static shocks.

STORAGE: Store in original container and keep in a dry place.

SECTION 8 - EXPOSURE CONTROLS and PERSONAL PROTECTION

ENGINEERING CONTROLS: When natural ventilation is inadequate, especially in confined areas, use mechanical ventilation, other engineering controls or respiratory protection to prevent inhalation of product dust.

PERSONAL PROTECTIVE EQUIPMENT: Handle in accordance with good industrial hygiene and safety practices.

RESPIRATORY PROTECTION: In case of insufficient ventilation wear suitable respiratory equipment. In case of insufficient ventilation wear suitable respiratory equipment with filter classification:

安徽省惠康对外贸易有限公司

ANHUI WELCOME FOREIGN TRADE CO.,LTD.



HAND PROTECTION: Wear impervious gloves.

EYE PROTECTION: Wear chemical splash goggles or face mask.

SKIN PROTECTION: If clothing is contaminated, wash skin and launder clothing.

NOTE: Before eating, drinking or smoking, wash face and hands thoroughly with soap and water.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE, COLOR AND ODOR: White globatd with little or no odor.

WATER SOLUBILITY: Not determined

Melting Point: 2045°C

Boiling point: 2980 °C

Specific heat: 0.88-1.67 calorie/g°C

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: Stable **CONDITIONS/MATERIALS TO AVOID:** Reacts violently with

chlorine trifluoride, producing flames. May cause ethylene oxide to polymerize violently, releasing heat.

HAZARDOUS DECOMPOSITION: No decomposition if used as directed. Hydrocarbons and other materials that contact the product during normal use can be retained on the product. It is reasonable to expect that decomposition products will come from these retained materials of use. If the product is subject to extreme temperatures or chemical conditions, decomposition may occur and the product will include the oxides shown in Section 2.

SECTION 11 - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Not applicable. **UN-NO.:** Not applicable

PACKAGING GROUP: Not applicable. **U.S. DOT:** Not regulated **DOT**

SHIPPING NAME: NA **HAZARDOUS CLASSIFICATION:** Not applicable.

IMO: Not regulated. **EmS:** Not applicable. **MFAG:** Not applicable.

MARINE POLLUTANT: No **ICAO - IATA:** Not regulated. **INSTRUCTION**

"Passenger": Not applicable. **INSTRUCTION "CARGO":** Not applicable.

FURTHER INFORMATION: Not classified as hazardous or dangerous in the meaning of transport regulations.

SECTION 12 - OTHER INFORMATION

HMIS RATINGS: HEALTH: 1; FLAMMABILITY: 0; REACTIVITY: 1

The information contained herein is to the best of our knowledge and belief accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee for results obtained, and assume no responsibility for damages incurred by use of this product. It is the responsibility of the user to comply with all federal, state, and local laws and regulations.

安徽省惠康对外贸易有限公司
ANHUI WELCOME FOREIGN TRADE CO.,LTD.