

Material Safety Data Sheet

1、Product and Manufacturer Data

Product name:Carbon Molecular Sieve
Name/Address/Phone of Manufacturer/supplier: Shanghai Joozhou New Materials Co.,Ltd Room 1002, Building B, North America Plaza, No. 518 Kunming Road, Yangpu District, Shanghai Tel: 86-21-68769026 Fax: 86-21-68769036
Phone/Fax in case of emergency: 86-21-68769026 86-21-68769036

2、Discrimination data of composition

Pure substance :

Chinese/English Name:Carbon Molecular Sieve
Chemical publish company register number (CAS No.): 308080-99-1
Hazardous composition (composition percentage): None

Mixture :

Chemical characteristics: nonpoisonous, Harmless, Noncombustible, nonexplosive, chemical property is steady.
--

3、Discrimination data to hazard

Hazardous effect to the health: The dust have slightly hazard to eyes and respiratory tract..
Effect to the environment: The waste will cause water, soil, air pollution.
Physical and chemical hazard: Does not contain any hazardous ingredients
Special hazard: No specific dangers known.
Main symptom: A lot of inhalation may stimulate the respiratory system, Long-term contact may cause skin burns.
Material's hazard classification: None

4、Emergency treatment

Different exposure pathways of first aid method:
• Inhaling: Remove to fresh air, resume after a moment of uncomfortable. • Skin contact: Wash thoroughly with soap and water • Eye contact: Hand over further treatment in the hospital after washing with plenty of water. • Inhalation: Send to hospital
Most important symptom and hazardous effect: The serious one has eyes pain to tears , the throat will sore to cough.
Shelter to the first-aid man: Respirator , Goggles.
Suggestion to the doctor: This material is the Natrium Aluminum Silicate. Water dispersion is alkalescence, pH=7-9.

5、Putting out a fire

Suitable fire retardant: Noncombustible
Special hazard that may encounter while putting out a fire: No particular hazards known.
Special process of putting out a fire: None.
The fireman's special safeguard: The fire fighters wear a self-contained breathing apparatus,wear fireproof and blast-proof clothing.

6、Treatment of spillage

To individual: Avoiding taking in the dust and eyes exposed. Wear chemical protective clothing
To environment: Chemicals are strictly prohibited to the environmental emissions of untreated
Cleaning method: Collect the castoff into the special container and handle collectedly. Don't leave around the castoff.

7、Method safely of handle and store

Handling: The operator should wear helmets, safeguard glasses and respirator. Open container slowly. Keep adequate ventilation. Avoid dust contact with eyes and skin.
Storing: This product should be stored in a cool ,dry,well ventilated warehouse , and the warehouse temperature is not more than 25℃ , relative humidity is less than 75%. Be care carrying and prevent from raining. The packaging must be sealed, avoid damp. It Should be with a reducing agent, active metal powder stored separately, avoid mixing reservoir

8、 Probation for exposure

Project control: Pay attention to preventing the dust from flying in the course of operating
Control parameter :
Personal safeguard : • Respiration protection: respirator • Hands protection: Glove. • Eyes protection: Goggles • Protection of skin and body: Wearing the work clothes with long sleeves
Hygiene measure: Take a shower in time after operating and keep hygiene

9、 Physical/Chemical characteristics

Physical nature: Solid	Figure: cylinder
Color: Black	Smell: Odorless
Adsorption pressure:0.75-0.80MPA	Adsorption Rate:2*55s
Bulk Density ≥0.66 g/ml	Crush Strength ≥50 N/pieces
Melting point: N/A	Solubility:Insoluble in water and organic solvents, soluble in strong acid or alkali

10、 Stability and reactance

Stability: Yes
Possible hazard reaction under the special condition: The dust breaks up and does not benefit the respiratory system.
Condition to avoid: Don't leave around castoff
Material to avoid: Water
Hazardous decomposer: None

11、 Toxicity data

Urgent toxicity: None
Partial effect: None
Ability of cause sensitive: None
Chronic toxicity or long-term toxicity: None
special effect : None

12、ecology data

Possible environmental impact/distribution: The flying dust will pollutes the air,it is harmful to the environment.

13、Castoff treatment

Waste Disposal Method: In compliance with local, national government regulations under the conditions conducive to environmental protection way to bury waste.

14、delivery documents

Regulation of international delivery: Not classified as a dangerous good under transport regulations

Number of The United Nations: None

Special delivery method and precautions: Not classified as a dangerous good under transport regulations

Special delivery method and precautions : Anti exposure,rain proof,high temperature during the transportation

15、Regulation data

Suitable regulation:No special provisions for the product

16、Others

Table-making company	Name: Shanghai Joozhou New Materials Co..Ltd
Making date	Jul.15 st .,2025

Shanghai Joozhou New Materials Co..Ltd