

## Material Safety Data Sheet

### Product and Manufacturer Data

Product name: Activated Zeolite Powder
Name/Address/Phone of Manufacturer/supplier: E.D.S. International (Thailand) Co.,LTD. 119/134 Moo 6 , Soi Sinthani, Nawamin101 Road, Klongkum, Buengkum, Bangkok 10240 Tel : +66(0) 2 509 5928 ~ 29 Fax: +66(0) 2 509 5930
Phone/Fax in case of emergency:

### Discrimination data of composition

#### Pure substance :

Chinese/English Name: Aluminosilicate
Molecular Formula: $\text{Na}_2\text{O} \cdot \text{Al}_2\text{O}_3 \cdot 2\text{SiO}_2 \cdot 9/2\text{H}_2\text{O}$
Chemical publish company register number (CAS No.): 70955-01-0
Hazardous composition (composition percentage): None

Mixture :

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

### Discrimination data to hazard

Hazardous effect to the health: The dust have slightly hazard to eyes and respiratory tract..
Effect to the environment: The flying dust will cause air pollution.
Physical and chemical hazard: Does not contain any hazardous ingredients.
Special hazard: No specific dangers known
Main symptom: Itching, burning after inhaling.
Material's hazard classification: None

### Emergency treatment

<p>The methods to various expresser:</p> <p>Inhaling: Remove to fresh air, resume after a moment of uncomfortable.</p> <p>Skin contact: Wash thoroughly with soap and water.</p> <p>Eye contact: Hand over further treatment in the hospital after washing with plenty of water.</p> <p>Inhalation: Send to hospital</p>
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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=9-11.

### 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.

### Treatment of spillage

To individual: Avoiding taking in the dust and eyes exposed.

To environment: Don't raise dust to cause pollution.

Cleaning method: Collect the castoff into the special container and handle collectedly. Don't leave around the castoff.

### Method safely of handle and store

<p>Handling: The operator should wear helmets, safeguard glasses and respirator. Open container slowly. Keep adequate ventilation. Avoid dust contact with eyes and skin.</p>
<p>Storing: This product should be stored in a cool ,dry,well ventilated warehouse. Be care carrying and prevent from rain. The packaging must be sealed, avoid damp.</p>

### Probation for exposure

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

### Physical/Chemical characteristics

<p>Physical nature: White dust(anhydrous)</p>	<p>Figure:</p>
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Color: white	Smell: Odorless
Static Water Adsorption $\geq 24\%$	Bulk Density $\geq 0.5\text{g/ml}$
Melting point: $851^{\circ}\text{C}$	$\text{PH} \leq 11.5$
Package Moisture $\leq 2\%$	Solubility: Don't dissolve in water and any solvent.

### 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

### Toxicity data

Urgent toxicity: None
Partial effect: None

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

### **ecology data**

Possible environmental impact/distribution: The flying dust will pollutes the air. Water dispersions are alkalescent.
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### **Castoff treatment**

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

### **Regulation data**

Suitable regulation:No special provisions for the product

### **Others**

Table-making company	Name: E.D.S. International (Thailand) Co.,LTD.
Making date	Jul 1,2015

E.D.S. International (Thailand) Co.,LTD.