



# JAGDAMBA MINERALS

(Manufacturers & Exporters of Minerals)

## MATERIAL SAFETY DATA SHEET

### MANUFACTURER:

#### JAGDAMBA MINERALS

432, UNNATI TOWER, CENTRAL SPINE  
VIDHYADHAR NAGAR, JAIPUR-302023  
RAJASTHAN, INDIA-91

### PRODUCT IDENTIFICATION

**Synonyms** : Kaolin Powder USP; clay; hydrated aluminum silicate; China Clay  
**Chemical Formula** :  $\text{Al}_2\text{Si}_2\text{O}_5(\text{OH})_4$   
**Molecular Weight** : 258(approx)

### PHYSICAL & CHEMICAL PROPERTIES

**Appearance** : Fine white to yellow-white powder.  
**Odor** : Odorless  
**Solubility** : Insoluble in water.  
**% Volatiles by volume @ 21°C (70°F)** : 0  
**Density** : 1.8 - 2.6

### SAFETY & FIRST AID

**Inhalation:** Inhalation of dust may cause irritation to the respiratory tract.

**Ingestion:** Extremely large oral dosages may produce gastrointestinal disturbances.

**Skin Contact:** No adverse effects expected.

**Eye Contact:** No adverse effects expected but dust may cause mechanical irritation.

**Chronic Exposure:** May produce chronic pulmonary fibrosis and stomach granuloma.

## **FIRST AID**

**Inhalation:** Remove to fresh air. Get medical attention for any breathing difficulty.

**Ingestion:** Not expected to require first aid measures.

**Skin Contact:** Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation develops.

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.

## **FIRE FIGHTING MEASURES**

**Fire:** Not considered to be a fire hazard.

**Explosion:** Not considered to be an explosion hazard.

**Fire Extinguishing Media:** Use any means suitable for extinguishing surrounding fire.

**Special Information:** Use protective clothing and breathing equipment appropriate for the surrounding fire.

## **SPECIAL FEATURES**

**Stability:** Stable under ordinary conditions of use and storage.

**Hazardous Decomposition Products:** No hazardous decomposition products.

**Hazardous Polymerization:** Will not occur.