

# Tiandong Haorun New Material Technology Co.,Ltd

Version 3.0

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## SAFETY DATA SHEET

GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

### SECTION 1: Identification of the substance/the company

#### 1.1 Product identifiers

Product name: Montmorillonite K 10

Synonyms: Bentonit, Sure-gebleicht;Bentonite, acid-leached;Bleaching clay;Activated bleaching earth;Activated bleaching earth CS-1040;Activated clay/Bleaching clay;Sud Chemie Tonsil Optimum FF;Bentonite acid-leached powder

CAS: 70131-50-9

EINECS: 274-324-8

MF:  $H_2Al_2(SiO_3)_4 \cdot nH_2O$

MW: 274-324-8

#### 1.2 Details of the supplier of the safety data sheet

Company: Tiandong Haorun New Material Technology Co.,Ltd

No.2 Petrochemical Industrial Park of Tiandong, Baise

Guangxi Zhuang Autonomous Region

531599

China

### SECTION 2: Physical and chemical properties and safety characteristics

Density: 0.55±1.0 g/ml

Moisture(2hr.105°C): ≤12%

Specific surface area: ≥130 m<sup>2</sup>/g

Fineness(passing 0.075mm test sieve): ≥90%

Free acids(as H<sub>2</sub>SO<sub>4</sub>): ≤0.30%

Heavy metals(as Pb): <40 mg/kg

Arsenic(As): <3 mg/kg

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### SECTION 3:Hazard identification

Health Hazard: The appearance is milky white, gray and light pink powder, odorless, tasteless and non-toxic. It has strong adsorption performance and can adsorb colored and organic substances.

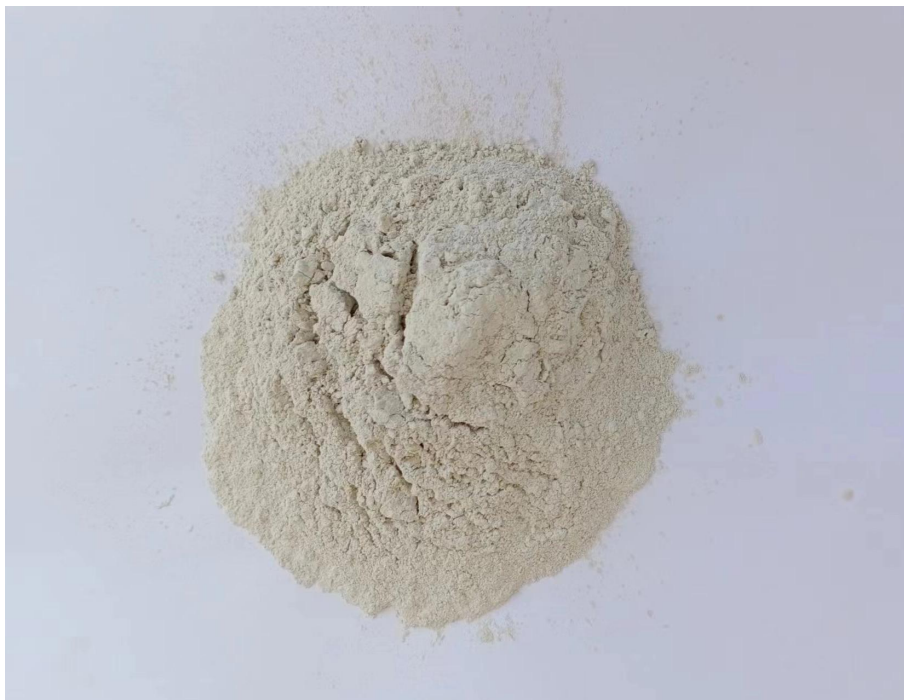
Potential health effects:

Exposure pathway	Yes/No	Symptom
Eye	Yes	No data available
Skin	Yes	No data available
Inhalation	Yes	No data available
Ingestion	Yes	No data available

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### SECTION 4: Product Usage and Sample's Picture

Used for decolorization of animal oils, edible oils,vegetable oils, mineral oils and refining of petroleum products, and also used as a catalyst for organic synthesis.



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## **SECTION 5: First aid measures**

### **5.1 Description of first aid measures**

#### **In case of eye contact**

Flush eyes with water as a precaution.

#### **In case of skin contact**

Wash off with soap and plenty of water.

#### **If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

#### **If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water.

### **5.2 Indication of any immediate medical attention and special treatment needed**

No data available

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## **SECTION 6: Firefighting measures**

Case fire: Non-flammable.

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## **SECTION 7: Accidental release measures**

### **7.1 Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Avoid breathing vapours, mist or gas.

### **7.2 Environmental precautions**

No special environmental precautions required.

### **7.3 Methods and materials for containment and cleaning up**

Sweep up and shovel. Keep in suitable, closed place for general garbage treatment.

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## **SECTION 8: Handling and Storage**

### **8.1 Precautions for safe handling**

Provide appropriate exhaust ventilation at places where dust is formed.

### **8.2 Conditions for safe storage, including any incompatibilities**

Plastic inner woven bag, stored in a ventilated, cool and dry place, protected from mechanical impact and rain.

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## **SECTION 9: Exposure control / Personal protection**

### **9.1 Exposure control**

Ventilation: Sufficient to deal with the dust generated in the production process.

Exhaust: If dust is generated.

Mechanical equipment: It is not required under normal circumstances.

## **9.2 Personal protection**

Eye / Face protection: It is recommended not to wear contact lenses in case of dust.

Skin protection: It is not required under normal circumstances.

Respiratory protection: If the dust exceeds 15mg / m<sup>3</sup>, it is recommended to use the dust mask inspected by the National Institute of occupational safety and health.

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## **SECTION 10: Stability and reactivity**

Reactivity: None

Stability: Stable under recommended storage conditions.

Incompatibility with other materials: None

Hazardous decomposition products: None

Polymerization: None

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## **SECTION 11: Other informations**

Work / hygiene habits: Have good environmental conditions and good personal hygiene habits required for food production.

### **Further information:**

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