

Chemical Safety Data Sheet MSDS

1. IDENTIFICATION

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name : Calcined kaolin
Brand : Dideu

1.2 Details of the supplier of the safety data sheet

Company:

Shaanxi Dideu Medichem Co.LTD

Address :

Changqing Industrial Park, Fengxiang District, Baoji City, Shaanxi Province, China,721400

Telephone :

+862989586682/6681/6680

Fax:

+86-29-88380327

1.3 Emergency telephone

Emergency Phone # : +86-2981120339

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture:

2.1.1. Classification according to Regulation (EC) No 1272/2008 (CLP): No classification for this product.

2.1.2. Additional information: For full text of Hazard- and EU Hazard-statements: see SECTION 16.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

[CLP]: Hazard Pictograms: Not applicable.

Signal Word: Not applicable.

Hazard Statements:

No relevant classification for this product.

Precautionary Statements:

No special requirement.

Response Precautionary Statements:

No special requirement.

Storage precautionary statements:

No special requirement.

Disposal precautionary statements:

No special requirement.

Other hazards: not found.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product description: substance (✓); preparation/mixture ()

Ingredients/Components	CAS No.	EC No.	Index No.	% by weight	Classification according to Regulation (EC) No 1278/2008 (CLP).
Calcined Kaolin	92704-41-1	296-473-8	Not available	100	Not available

4 First aid measures

4.1. Description of first aid measures:

General notes: No information available.

Following inhalation: No special measures as there is no hazard for normal contact. If discomfort occurs after inhaling dust or fume from processing or thermal decomposition, remove to a place where air is fresh.

Following skin contact: No special measures as there is no hazard for normal contact.

Following eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Following ingestion: Rinse mouth. Do not induce vomiting without professional instruction. Call a POISON CENTER or doctor/physician if you feel unwell.

Self-protection of the first aider: No special requirement.

4.2. Most important symptoms/effects, acute and delayed: Acute effect: Not found. Delayed effect: Not found.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable extinguishing media: Use water spray, dry chemicals, carbon dioxide, foam, dry sand for extinction.

Unsuitable Extinguishing Media: General fire extinguishing foam. High volume water jet. Discharging cylinder shape water from fire hose may lead to spread fire to the surroundings.

5.2. Special hazards arising from the substance or mixture: The product is not flammable, and has no special danger. **Hazardous combustion products:** It may release smoke, carbon monoxide, carbon dioxide and other hazardous gas from thermal decomposition.

5.3. Advice for fire-fighters:

For initial fire, use dry powder, carbon dioxide, etc.

For large fire, it is effective to use fire foam, etc. to shut off air supply.

Fire-fighters must wear self-contained breathing apparatus and full protective equipment (e.g. fire-retardant clothing). Deny unnecessary entry to the place around the fire.

Remove containers from fire area if it can be done without risk. Cool surrounding facilities, etc. with water spray.

6. Extinguish fire from upwind, and the fire extinguishing method should be appropriate to the situation in the surroundings.

6.1. Personal precautions, protective equipment and emergency procedures: Use proper personal protective equipment as indicated in Section 8.

6.2. Environmental Precautions: Keep cleaning run-offs out of municipal sewers and open bodies of water. Comply with local and national laws and regulations.

6.3. Methods and materials for containment and cleaning up:

Due to the nature of this product, there is no special measure for collection. Collect it into a proper container for disposal.

Avoid generating dust during collection and clean-up.

6.4. Reference to other sections:

For more information, please refer to Section 8 and Section 13.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling:

Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any in compatibilities

Technical measures and storage conditions: Store it in a well-ventilated, cool and dry store room.

Incompatible materials: No special requirement for this product.

Packaging materials: Plastic bag.

Requirements for storage rooms and vessels: Well-ventilated and dry.

Storage class

Further information on storage conditions: The storeroom should be equipped with proper facilities for accidental fire.

8. Specific end use(s): Pigments, fillers. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters:

Ingredients	COSHH Workplace exposure limits-TWA	OSHA PEL-TWA	ACGIH TLV-TWA
Calcined Kaolin (CAS: 92704-41-1)	Kaolin: <u>Respirable</u> dust: 2 mg/m ³	Kaolin: Total dust: 15 mg/m ³ <u>Respirable</u> fraction: 5 mg/m ³	Kaolin: <u>Respirable</u> fraction: 2 mg/m ³ (no asbestos and < 1% crystalline silica)

8.2. :Exposure controls:

8.2.1. Appropriate engineering controls

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. Install washer eyes and safety showers near to the handling and storage area.

8.2.2. Personal protection

equipment: Hand

protection:

Wear impermeable rubber gloves. (e.g. Rubber gloves). Wear impermeable rubber gloves. (e.g. Rubber gloves).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White powder
Odour	Odourless
Odour threshold	No data available
pH	5.5-7.0 in aqueous solution (10%)
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	Non-combustible.
Evaporation rate	No data available
Flammability (solid, gas)	Non-combustible.
Flammable/Explosive Limits-Lower Vol %	No data available
Flammable/Explosive Limits-Upper Vol %	No data available
Vapour pressure	No data available
Vapour density	No data available
Density	2.6 g/cm ³ , 20°C

Solubility (water)	Insoluble
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available

10. STABILITY AND REACTIVITY

10.1. Reactivity: This product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.2. Chemical stability: No information available.

10.3. Possibility of hazardous reactions: No relevant information.

10.4. Conditions to avoid: No relevant information

10.5. Incompatible materials: No relevant information.

Hazardous decomposition products: No relevant information

11. TOXICOLOGICAL INFORMATION

Skin corrosion/irritation: No classification for this product.

Serious eye damage/eye irritation: No classification for this product.

Respiratory sensitizer: No classification for this product.

Skin sensitizer: No classification for this product.

Germ cell mutagenicity: No classification for this product.

Carcinogenicity: No classification for this product.

Reproductive Toxicity: No classification for this product. **Specific target organ toxicity, single exposure:** No classification for this product. **Specific target organ toxicity, repeated exposure:** No classification for this product.

12. ECOLOGICAL INFORMATION

Calcined Kaolin (CAS: 92704-41-1):

96h-LC₅₀ > 100 mg/L, fish (Danio rerio) (Data source: ECHA)

10d-NOEC: 100 mg/L, fish (Oncorhynchus mykiss) (Data source: ECHA)

48h-EC₅₀ > 100 mg/L, aquatic invertebrates (Daphnia magna) (Data source:

ECHA) 21d-NOEC: 1000 mg/L, aquatic invertebrates (Daphnia magna) (Data source: ECHA) Classification of the whole product: Not classified

12.1. Persistence and Degradability: No data available for the whole product.

12.2. Bioaccumulative Potential: No information available.

12.3. Mobility in Soil: No information available.

12.4. Results of PBT and vPvB Assessment: No information available.

12.5. Other adverse effects: Not found.

Additional information: No information available.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

13.1.1. Product / Packaging disposal:

It is recommended to recycle and reuse it.

After contents are completely removed, dispose of its container at hazardous or special waste collection point.

Waste codes / waste designations according to LoW

EWC code: 01 04 09

In other countries different conditions might be valid. All national and local laws have to be considered.

13.1.2. Waste treatment-relevant information:

Paste a label on the container indicating the possible hazards of the waste.

13.1.3. Sewage disposal-relevant information:

Do not discharge waste into sewage without any treatment.

14. TRANSPORT INFORMATION

- 14.1. **UN number:** Not applicable.
- 14.2. **UN proper shipping name:** Not regulated.
- 14.3. **Transport hazard class (es):** Not applicable.
- 14.4. **Packing group:** Not applicable.
- 14.5. **Assigned Pictogram:** Not applicable.
- 14.6. **Environmental hazards (Marine Pollutant (Yes/No)):** No.
- 14.7. **EMS NO.:** Not applicable.

14.8. **Special precautions for user:** Check whether the package is completed or sealed before transporting; make sure no damage of packages and prevent goods from falling down during transporting; the transport vehicle should be equipped with facilities for fire-fighting and accidental release handling; do NOT transport this product together with incompatible substances; stay away from fire and areas of high temperature during stopovers.

15. REGULATORY INFORMATION

- 15.1. **Safety, health and environmental regulations/legislation specific for the substance or mixture:** Candidate List of Substances of very high concern (SVHC) according to ECHA: Not listed. REACH Regulation Annex XVII Regulation List: Not listed. REACH Regulation Annex XIV Authorization List: Not listed. Germany – WGK: Not classified.

- 15.2. **Chemical Safety Assessment:** A Chemical Safety Assessment has not been carried out.

Other relevant regulations:

Sara:

Section 355 (extremely hazardous substances): Not listed.

SARA 313: Not listed.

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Shaanxi Dideu Medic hem Co.Ltd and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. Copyright 2020 Shaanxi Dideu Medic hem Co.Ltd. License granted to make unlimited paper copies for internal use only.

