



Serving Scientific Community
Since 1985



TECHNO PHARMCHEM

An ISO 9001 : 2008 Certified Company

Registered Off. : 101-A, Deep Enclave, Pocket "D", Ashok Vihar, Phase-III, Delhi-110 052 (India)
Corporate Off. : 152, Vardhman City Centre, Near Shakti Nagar Underbridge, Delhi-110052 (India)
Works : Plot No.1022, Modern Industrial Estate, Bahadurgarh-124507, Haryana (India)
Telephone : 0091 - 11 - 23646422 E-mail : tecpharm@gmail.com
Website : www.technopharmchem.com

KAOLIN

1. Product Identification

Synonyms : Kaolin Extra Pure ,China Clay
CAS No. : 1332-58-7
Molecular Weight : Not applicable
Chemical Formula : Not applicable
Product Code : 045098

2. Composition/Information on Ingredients

Substance / Preparation : Kaolin
CAS No : 1332-58-7 Substance.
Contains no other components or impurities which will influence the classification of the product

3. Hazards Identification

Hazard statements : : Not classified as Hazardous
Other hazards : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation Reach.

4. First Aid Measures

Inhalation : Assure fresh air breathing. Allow the victim to rest.
Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
Eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
Ingestion : Obtain emergency medical attention. Do not induce vomiting. Call a doctor if you feel unwell.
Symptoms relating to use : Not expected to present a significant hazard under anticipated conditions of normal use.
General information : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible)

5. Fire Fighting Measures

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.
Hazardous combustion products : Under fire conditions, hazardous fumes will be present.
Protection against fire : Do not enter fire area without proper protective equipment, including Respiratory protection.
Special procedures : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.



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6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

For emergency responders : Equip cleanup crew with proper protection. Ventilate area.

For non-emergency personnel : Evacuate unnecessary personnel.

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters. Avoid release to the environment.

Clean up methods : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

Reference to other sections : See section 8. Exposure controls/personal protection

7. Handling and Storage

Handling : Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

Technical protective measures : Provide good ventilation in process area to prevent formation of vapors

Storage : Keep only in the original container in a cool, well ventilated place.
Keep container closed when not in use.

Storage - away from : Strong bases. Strong acids. Sources of ignition Direct sunlight

Specific end use(s) : None.

8. Exposure Controls/Personal Protection

Personal protection : Avoid all unnecessary exposure.

• Respiratory protection : Wear approved mask.

• Hand protection : Wear protective gloves.

• Skin protection : Wear suitable protective clothing.

• Eye protection : Chemical goggles or face shield.

• Others : When using, do not eat, drink or smoke.

Occupational Exposure Limits : No data available.

9. Physical and Chemical Properties

Physical state at 20°C : Solid.

Colour : White powder

Odour : Odorless

Odour threshold : No data available.

pH value : Not applicable.

Melting point [°C] : 1760°C

Decomposition point [°C] : N/A

Critical temperature [°C] : N/A

Auto-ignition temperature [°C] : N/A

Flammability (solid, gas) : N/A

Flash point [°C] : N/A

Boiling point [°C] : N/A

Evaporation rate : N/A

Vapour pressure [20°C] : N/A

Vapour pressure mm/Hg : N/A

Vapour density : N/A

The information contained herein in good faith but makes no representations as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. We do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.



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Density [g/cm³] : 2.2
Relative density, gas (air=1) : N/A
Relative density, liquid (water=1) : N/A
Solubility in water [% weight] : Insoluble in water
Solubility in water : N/A
Log Pow octanol /water at 20°C : No data available.
Solubility : N/A
Viscosity at 40°C [mm²/s] : N/A

10. Stability and Reactivity

Reactivity : Not established
Chemical stability : Stable under recommended storage conditions.
Hazardous reactions : Not established.
Conditions to avoid : Direct sunlight. Extremely high or low temperatures
Materials to avoid : Strong acids. Strong bases.
Hazardous decomposition : Fumes. Carbon monoxide. Carbon dioxide.
Products

11. Toxicological Information

Acute toxicity
• Inhalation : Based on available data, the classification criteria are not met.
• Dermal : Based on available data, the classification criteria are not met.
• Ingestion : Based on available data, the classification criteria are not met.
Corrosion : Based on available data, the classification criteria are not met.
Irritation : Based on available data, the classification criteria are not met.
Sensitization : Based on available data, the classification criteria are not met.
Mutagenicity : Based on available data, the classification criteria are not met.
Carcinogenicity : Based on available data, the classification criteria are not met.
Toxic for reproduction : Based on available data, the classification criteria are not met.
STOT-single exposure : Based on available data, the classification criteria are not met.
STOT-repeated exposure : Based on available data, the classification criteria are not met.
Aspiration hazard : Based on available data, the classification criteria are not met.

12. Ecological Information

Toxicity information : Not established
Persistence - degradability : Biodegradable.
Bioaccumulative potential : Not established.
Mobility in soil : Not established.
Results of PBT and vPvB assessment : The substance does not fulfill the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.
Environmental precautions : Avoid release to the environment.

13. Disposal Considerations

Dispose of container and unused contents in accordance with federal, state and local requirements.

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14. Transport Information
Not Regulated

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture : Ensure all national/local regulations are observed.

REACH Restrictions - Annex XVII

: The components of this product are not subject to restrictions.

REACH Authorisation - Annex XIV : The components of this product are not subject to authorization.

Chemical Safety Assessment : It has not been carried out.

16. Other Information

Product Use : Laboratory Reagent for Educational & Research Purposes