

MATERIAL SAFETY DATA SHEET

KCG CHINA CLAY POWDER

Section 1: Product/Company Information

| | | |
|---|--------------------------|--------------------|
| Identity: China Clay | | |
| Name: Analyst India. | Emergency Number: | +91 294 2410239 |
| Quality Management System. | Number for Info: | + 91 9414166956 |
| 23 – A Delhi Gate, Udaipur – 313 001 | Date Updated: | 19 AUG 2022 |

Section 2: Emergency and First Aid

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| Eyes: | Immediately flush eye thoroughly with water. Get medical attention if irritation Persists. |
| Skin: | N/A |

Inhalation: Remove person to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration. Seek medical help if coughing and other symptoms do not subside.

Ingestion: Do not induce vomiting. If conscious, have the victim drink plenty of water and call a physician if discomfort is experienced.

Section 3: Composition Information

Typical chemical composition:

| | Chemical Formula | Typical %, by Weight | CAS # |
|-----------------------------|--------------------------------|----------------------|------------|
| Crystalline Silica (Quartz) | SiO ₂ | 48.38 | 14808-60-7 |
| Aluminum Oxide | Al ₂ O ₃ | 36.00 | 1344-28-1 |
| Iron Oxide | Fe ₂ O ₃ | 0.70 | 1309-37-1 |
| Others | | 14.92 | 13463-67-7 |

All components are included on the TSCA Inventory.

Section 4: Hazardous Ingredients/Identity Information

This product contains free sio2. Inhalation of dust may be harmful to your health. NIOSH has recommended a PEL of 0.05 mg/m³ as determined by a full shift sample up to 10 hours working day, 40 hours per week.

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| H.M.I.S. ratings: Health – * | Flammability – 0 | Reactivity - 0 |
| * see Section 5 of this MSDS for further information on health effects | | |
| Section 5: Hazard Identification | | |
| Potential Health Effects: | Potential health effects may vary depending upon the duration And degree of exposure. To reduce or eliminate health hazards associated with this product, use exposure controls or personal Protection methods as described in Section 12. | |
| Eye Contact: | (Acute/Chronic) Exposure to airborne dust may cause immediate Or delayed irritation or inflammation of the cornea. | |
| Inhalation: | (Chronic) Inhalation exposure to free silica may cause delayed lung injury, including silicosis, a disabling and potentially fatal lung disease, and/or cause or aggravate other lung diseases or Conditions. | |
| Carcinogenic Potential: | This product contains free sio2, which IARC classifies as a Known human carcinogen. The NTP, in its ninth Annual Report on Carcinogens, classified “silica, crystalline (respirable)” as a Known carcinogen. | |

Section 6: Accidental Release Measures

Use clean-up methods that do not disperse dust into the air. Avoid inhalation of dust and contact with eyes. Use exposure control and personal protection methods as described in Section 12.

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| Section 7: Physical/Chemical Data | |
| Boiling Point: | 2230° F |
| Melting Point: | 1710° F |
| Specific Gravity (H ₂ O = 1.0): | 2.61 |
| Vapor Pressure: | Not applicable |
| Solubility in Water: | Insoluble |
| Appearance: | White & Off White |
| Odor: | No Odor |
| Physical State: | Powder |
| Vapor Density: | Not applicable |

Section 8: Fire and Explosion Hazard Data

Flash Point: None Lower Explosive Limit: None
Auto ignition Temperature: Not combustible Upper Explosive Limit: None
Flammable Limits: N/A Special Fire Fighting Procedures: None
Extinguishing Media: Not Combustible Unusual Fire and Explosion Hazards: None
Hazardous Combustion Products: None

Section 9: Stability and Reactivity Data

Stability: Product is stable
Incompatibility (Materials to Avoid): Strong oxidizing agents
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

Section 10: Handling and Storage

Handle and store in a manner so that airborne dust does not exceed applicable exposure limits. Material has the tendency to catch moisture in extreme weathers. Hence use adequate ventilation and dust collection method. Use exposure control and personal protection methods as described in Section 12.

Section 11: Toxicological Information

Conditions aggravated by exposure: Eye disease, Skin disorders and Chronic Respiratory conditions.

Section 12: Exposure Control/Personal Protection

Respiratory Protection: Use local exhaust or general dilution ventilation to control dust levels below applicable exposure limits. Use appropriate NIOSH approved respiratory protection for respirable crystalline silica.

Eye Protection: Wear safety glasses with side shields or goggles to avoid contact with the eyes. In extremely dusty environments and unpredictable environments, wear tight-fitting unvented or indirectly vented goggles to avoid eye irritation or injury

