



## SAFETY DATA SHEET

### SECTION 1. PRODUCT IDENTIFICATION

PRODUCT TRADENAME: QuiKleen® Spill Absorbent

RECOMMENDED USES AND RESTRICTIONS: May be used to absorb all spills other than hydrofluoric acid

SUPPLIER NAME AND CONTACT INFORMATION:

The KaiKo Group, LLC dba QuiKleen Absorbent  
242 B Ann Street Northwest  
Concord, NC 28025

WEBSITE: <http://www.quikleen.com/>

PHONE/EMERGENCY PHONE: 800-650-2067/704-795-9839

CONTACT PERSON: Kevin Gilman

### SECTION 2. HAZARDS IDENTIFICATION

CLASSIFICATION (per the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200): Not hazardous according to GHS criteria

SIGNAL WORD: None

HAZARD CATEGORIES: None

HAZARD STATEMENTS: None

PICTOGRAMS: None

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC): Nuisance dust, PNOOC

OTHER HAZARDS: None

PRECAUTIONARY STATEMENTS: PREVENTION: None

PRECAUTIONARY STATEMENTS: RESPONSE: None

PRECAUTIONARY STATEMENTS: STORAGE: Keep container tightly closed when not being used.

PRECAUTIONARY STATEMENTS: DISPOSAL: Dispose of in accordance with all Federal, State and local regulations.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS #	WEIGHT PERCENT	REACH STATUS	OTHER INFORMATION
PERLITE(*)	93763-70-3	50 - 99	Exempt	
WATER	7732-18-5	1 - 50	Exempt	

(\*): VOLCANIC GLASS OF VARYING ELEMENTAL COMPOSITION

### SECTION 4. FIRST AID MEASURES

EMERGENCY OVERVIEW: The material consists of particles that can readily be controlled with appropriate dust protection equipment. Avoid processes that generate unnecessary dust.

SKIN CONTACT: Wash with soap and water. Repeated or prolonged contact may cause irritation via a mechanical drying process. Apply skin creams or lotions as needed to avoid dry skin. Not absorbed through skin. If skin irritation occurs, get medical attention or advice.

EYE CONTACT: Avoid creating unnecessary dust that could mechanically irritate the eyes. Do not rub eyes. Wash eyes with water for several minutes. Remove contact lenses if easy to do so and continue washing. If eye irritation persists call a poison control center or a physician.

INHALATION: Upper Respiratory Irritant: May result in coughing or aggravate pre-existing respiratory conditions. Remove person to fresh air.

INGESTION: Not hazardous. Rinse mouth and drink plenty of water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

SYMPTOMS OF EXPOSURE:

Eyes: Redness

Inhalation: Coughing

## **SECTION 5. FIRE-FIGHTING MEASURES**

FLAMMABLE: No

MEANS OF EXTINCTION: Use extinguishing media appropriate for surrounding material that is on fire or could be set on fire.

FLASH POINT (°C) AND METHOD (OC OR CC): N/A

UPPER FLAMMABLE LIMIT (% BY VOLUME): N/A

LOWER FLAMMABLE LIMIT (% BY VOLUME): N/A

AUTOIGNITION TEMPERATURE (°C): N/A

EXPLOSION DATA - SENSITIVITY TO IMPACT: N/A

EXPLOSION DATA - SENSITIVITY TO STATIC DISCHARGE: None; silicates are considered non-combustible dust

HAZARDOUS COMBUSTION PRODUCTS: N/A

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS: Provide adequate ventilation. Wear dust protection equipment suited to the exposure.

ENVIRONMENTAL PRECAUTIONS: Material is not hazardous to the environment. Collect waste and dispose of properly.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANUP: Normal clean-up procedures. Care should be taken to avoid causing dust to become airborne. Vacuum cleaning systems are recommended. Wetting spilled material with water may control dust and make clean up easier.

## **SECTION 7. HANDLING AND STORAGE**

PRECAUTIONS FOR SAFE HANDLING: Avoid creating unnecessary dust. Keep containers tightly closed.

CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES: Reacts with hydrofluoric acid to generate a toxic gas – Silicon Tetrafluoride. Exhibits higher solubility in strongly alkaline environments.

TECHNICAL MEASURES/STORAGE CONDITIONS: Stable at temperatures from below 40 °C (-40 °F) to above 100 °C (212 °F). Store with other dusty materials.

INCOMPATIBLE MATERIALS: Hydrofluoric acid, Strong alkaline materials

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

LIMITS OF EXPOSURE:

ACGIH TLV: 10 mg/m<sup>3</sup> total dust  
3 mg/m<sup>3</sup> respirable dust  
OSHA PEL: 15 mg/m<sup>3</sup> total dust  
5 mg/m<sup>3</sup> respirable dust

**APPROPRIATE ENGINEERING CONTROLS AND MEASURES:**

- General: Good housekeeping rules apply
- Local Exhaust from work stations using this material

**RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT:**

- Plastic or Rubber Gloves if skin irritation occurs
- Respirator – NIOSH/OSHA approved dust respirator adequate for contaminant concentrations encountered.
- Eye protection recommended
- Disposable footwear for frequent handling of this material
- Coveralls for frequent handling of this material

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE: Solid

APPEARANCE (EXPANDED): Mostly white granules, powder

ODOR: None

ODOR THRESHOLD: N/A

FLASH POINT: N/A

AUTOIGNITION TEMPERATURE: N/A

EXPLOSION LIMITS: UPPER: N/A LOWER: N/A

pH (10% slurry in water): 6.5 – 7.5

PARTITION COEFFICIENT (n-OCTANOL/WATER): N/A

MELTING/REMELTING POINT: N/A

BOILING & DECOMPOSITION POINTS: N/A

SPECIFIC GRAVITY: N/A

BULK DENSITY: 5 – 25 pounds per cubic foot

VAPOR PRESSURE: N/A

EVAPORATION RATE: N/A

VAPOR DENSITY: N/A

SOLUBILITY:

In water: Insoluble to sparingly soluble

In strong alkaline solutions: Somewhat soluble

**SECTION 10. STABILITY AND REACTIVITY**

REACTIVITY HAZARDS: Stable, except for reactivity with hydrofluoric acid

HAZARDOUS POLYMERIZATION?: None

INCOMPATIBLE MATERIALS: Hydrofluoric acid (HF)

HAZARDOUS DECOMPOSITION PRODUCTS: Silicon tetrafluoride (gas) will be evolved if the material is in contact with hydrofluoric acid.

OTHER INFORMATION (such as corrosivity): Non-corrosive, inert

## **SECTION 11. TOXICOLOGICAL INFORMATION**

ACUTE TOXICITY INFORMATION:

ORAL LD50: Estimated at over 10,000 mg/kg

SYMPTOMS OF:

SKIN CONTACT: White particles on skin. Potential skin redness.

EYE CONTACT: Irritation

INHALATION: Coughing. May aggravate pre-existing respiratory conditions.

INGESTION: None known

ASPIRATION HAZARD: N/A

DELAYED EFFECTS OF SHORT AND LONG-TERM EXPOSURE:

CHRONIC TOXICITY: None

SENSITIZATION: Not sensitizing

MUTAGENIC EFFECTS: None

CARCINOGENIC EFFECTS: None

IARC: Not reviewed

ACGHS: PNOS (Particles Not Otherwise Specified)

REPRODUCTIVE TOXICITY (reproductive, developmental, teratogenic): None

SPECIFIC TARGET ORGAN TOXICITY (single exposure, repeated exposure): Upper Respiratory Irritant

## **SECTION 12. ECOLOGICAL INFORMATION**

ECOTOXICITY (effects, effects on specific species, persistence & degradability, bioaccumulative potential, mobility): None. Approved for use in soils or animal feed. Low hazard when commonly used. After use, base toxicity on what was absorbed.

## **SECTION 13. DISPOSAL CONSIDERATIONS**

Dispose of this product in accordance with all applicable local, state and Federal regulations. After use, disposal is to be determined by the material absorbed by this product.

## **SECTION 14. TRANSPORT INFORMATION**

DOT(USA), TDG(CANADA), ICAO, IATA, OTHERS: No special requirements as is. Only applicable after use on hazardous materials

UN #: Only applicable after use on hazardous materials

PROPER SHIPPING NAME: Only applicable after use on hazardous materials

HAZARD CLASS: Only applicable after use on hazardous materials

SUBSIDIARY RISK: Only applicable after use on hazardous materials

PACKING GROUP: Only applicable after use on hazardous materials

DESCRIPTION: Only applicable after use on hazardous materials

## **SECTION 15. REGULATORY INFORMATION**

USA:

MASSACHUSETTS: Not on Right-To-Know List

NEW JERSEY: Not on Right-To-Know List

PENNSYLVANIA: Only Dust is listed. This product does not generate dust.

CALIFORNIA: Not included on the Proposition 65 list regarding birth defects, reproductive harm or cancer.

CERCLA/SARA: Not listed

TSCA: Included as a naturally occurring material

EUROPE: Exempt from REACH as a naturally occurring mineral, not chemically modified.  
Status confirmed in Annex V Guidance Document Version 1.1, November 2012

## **SECTION 16. OTHER INFORMATION**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

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PREPARED BY: Ken Wiener (310-377-7977)

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