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SAFETY DATA SHEET

1. Product And Company Identification

SDS ID: SDS 1200000
 PRODUCT IDENTITY: Kleen Sweep™ Sweeping Compound

MANUFACTURER:
 Green Kleen Products Inc.
 751 7th Street
 Glenwood City, WI 54013
 952-544-0530

EMERGENCY PHONE NUMBER:
 Chemtrec (800) 424-9300 (US and Canada)
 (703) 527-3887 (International – Call Collect)
 PRODUCT USE: Floor Sweeping Compound
 RESTRICTIONS ON USE: None identified

2. Hazards Identification

GHS/OSHA Hazcom 2012 Classification:

Health	Environmental	Physical
Carcinogen Category 1A Specific Target Organ Toxicity – Repeat Exposure Category 1	Not Hazardous	Not Hazardous

Label Elements

Danger!



**Causes damage to lungs through prolonged or repeated inhalation exposure.
 May cause cancer if inhaled.**

Prevention:

Do not breathe dust.
 Wash thoroughly after handling.
 Do not handle until all safety precautions have been read and understood.
 Wear protective gloves and clothing.
 Do not eat, drink or smoke when using this product

Response:

Get medical advice if you feel unwell.

Storage:

Disposal: Dispose of contents and container in accordance applicable regulations.

3. Composition/Information On Ingredients

Component	CAS No.	Amount
Crystalline Silica, Quartz	14808-60-7	80-95%
Wood Dust	Mixture	5-20%
Crystalline Silica, Cristobalite	14464-46-1	<0.4%

4. First Aid Measures

INHALATION: Remove to fresh air. If irritation or other symptoms occurs, get medical attention.

INGESTION: If large amounts are swallowed, get medical attention. If conscious, give one glass of water. Never give anything by mouth to an unconscious person.

SKIN CONTACT: Wash thoroughly with soap and water.

EYE CONTACT: Immediately flush eyes with cool running water, lifting upper and lower lids. If irritation persists or for foreign body in the eye, get medical attention.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED: Eye contact may cause mechanical irritation and possible eye injury. May cause mechanical skin and respiratory irritation. May cause cancer if respirable dust is inhaled over prolonged periods. This product contains crystalline silica. Inhalation of respirable crystalline silica may cause lung disease, silicosis with symptoms of shortness of breath and cough.

Indication of immediate medical attention and special treatment, if necessary: No immediate medical attention is required.

5. Firefighting Measures

SUITABLE EXTINGUISHING MEDIA: Use water, foam, or carbon dioxide to extinguish fire. Cool fire exposed container with water.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: This product is not flammable but the wood dust will burn under fire conditions. Thermal decomposition may produce carbon monoxide, carbon dioxide and smoke.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS: Firefighters should always wear self-contained breathing apparatus and full protective clothing for fires involving chemicals or in confined spaces.

6: Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES: No special equipment is generally required for spill clean-up. For dusty conditions, an approved respiratory may be needed. Refer to Section 8 for additional information.

Environmental hazards: Report spill as required by local and federal regulations.

METHODS AND MATERIALS FOR CONTAINMENT/CLEANUP: Eliminate ignition sources. Sweep up and collect for re-use or disposal.

7. Handling and Storage

PRECAUTIONS FOR SAFE HANDLING: Avoid breathing dust. Avoid contact with eyes, skin, and clothing. Wash thoroughly with soap and water after use. If clothing becomes dusty, launder before re-use.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES: Store in a dry area. Keep away from ignition sources. Store away from oxidizers.

8. Exposure Controls / Personal Protection

EXPOSURE GUIDELINES

CHEMICAL	EXPOSURE LIMIT
Crystalline Silica, Quartz	PEL (TWA) - 30 mg/m ³ / %SiO ₂ +2 (Total Dust) PEL (TWA) - 10 mg/m ³ / %SiO ₂ +2 (Respirable Dust) TLV (TWA) - 0.025 mg/m ³ (Respirable Dust)
Wood Dust	PEL - 5 mg/m ³ TWA (respirable dust) PEL - 15 mg/m ³ TWA (total dust) TLV - 1 mg/m ³ TWA (inhalable dust)
Crystalline Silica, Cristobalite	PEL (TWA) - ½ * 10 mg/m ³ / %SiO ₂ +2 (Respirable Dust) TLV (TWA) - 0.025 mg/m ³ (Respirable Dust)

APPROPRIATE ENGINEERING CONTROLS: General ventilation is adequate for normal use. If handling produces airborne dust, local exhaust ventilation may be needed.

PERSONAL PROTECTIVE EQUIPMENT:

EYE PROTECTION: Safety glasses or goggles recommended

SKIN PROTECTION: None required for normal use.

RESPIRATORY PROTECTION: None required for normal use. For operations where the dust concentration may be excessive, a dust respirator may be used. Follow OSHA regulations in the selection and use of respiratory protection.

OTHER PROTECTIVE EQUIPMENT/CLOTHING: Eye flushing equipment should be available in the work area.

9. Physical and Chemical Properties

APPEARANCE:	Granular Solid	ODOR:	Slight paraffinic odor
ODOR THRESHOLD:	Not available	pH:	Not applicable
MELTING/FREEZING POINT:	Not applicable	BOILING POINT/RANGE:	Not applicable
FLASH POINT:	None	EVAPORATION RATE:	Not applicable
FLAMMABILITY (SOLID, GAS)	Not flammable, but will burn under fire conditions	FLAMMABILITY LIMITS:	Not Applicable
VAPOR PRESSURE:	Not applicable	VAPOR DENSITY:	Not applicable
RELATIVE DENSITY:	1.24	SOLUBILITIES	Water 10%
PARTITION COEFFICIENT (n-octanol/water)	Not available	AUTOIGNITION TEMPERATURE:	Not applicable
DECOMPOSITION TEMPERATURE:	Not available	VISCOSITY:	Not applicable

10. Stability and Reactivity

REACTIVITY: Not normally reactive

CHEMICAL STABILITY: Stable.

POSSIBILITY OF HAZARDOUS REACTIONS: Reaction with oxidizers will generate heat and may cause fire.

CONDITIONS TO AVOID: Avoid extreme heat.

INCOMPATIBLE MATERIALS: Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce carbon monoxide, carbon dioxide and smoke.

11. Toxicological Information

POTENTIAL HEALTH EFFECTS:

ACUTE HAZARDS:

INHALATION: Inhalation of dust may cause irritation to the eyes, nose, throat and respiratory tract.

SKIN CONTACT: No known hazard.

EYE CONTACT: Contact may cause mechanical, abrasive irritation with possible injury.

INGESTION: No known hazard

CHRONIC EFFECTS: Inhalation of excessive concentrations of any dust, including this material, may lead to lung injury. This product contains crystalline silica, in the form of quartz. Excessive inhalation of respirable crystalline silica may cause silicosis, a progressive, disabling and sometimes fatal disease of the lung. Symptoms may include cough, shortness of breath, wheezing and reduced pulmonary function.

CARCINOGENICITY LISTING: The International Agency for Research on Cancer (IARC), in Monograph 100C has concluded that crystalline silica inhaled in the form of quartz or cristobalite, is carcinogenic to humans (Group 1). Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs. The National Toxicology Program (NTP) classifies crystalline silica as a known carcinogen. Applications and exposure data indicate that exposure to respirable quartz in this product with normal use is well below the OSHA Permissible Exposure Limit (PEL) and ACGIH Threshold Limit Value (TLV). The manufacturer is not aware of any scientific or medical data available indicating that exposure to respirable crystalline silica from this product under conditions of normal use will cause silicosis or cancer. Adverse effects would not be expected from normal use of this product. Wood dust has been classified by the International Agency for Research on Cancer (IARC) as "carcinogenic to humans" (Group 1) and "known to be a human carcinogen" by the National Toxicology Program (NTP). This classification is based primarily on increased risk in the occurrence of adenocarcinomas of the nasal cavities and paranasal sinuses associated with exposure to wood dust. The physical form of this product is such that no exposure to wood dust is likely under normal conditions of use, therefore the risk of adverse health effects is minimal.

ACUTE TOXICITY VALUES:

Silica: LD50 oral rat 22,500 mg/kg
 LC50 carp >10,000mg/L/72 hr.

12. Ecological Information

ECOTOXICITY: No data available for the product.

PERSISTENCE AND DEGRADABILITY: Wood dust will degrade in the environment. Silica is non degradable.

BIOACCUMULATIVE POTENTIAL: Not bioaccumulative.

MOBILITY IN SOIL: No data available.

OTHER ADVERSE EFFECTS: No data available.

13. Disposal Considerations

Dispose in accordance with local, state and federal environmental regulations. Unused material is suitable for disposal in sanitary landfill. Used material may be subject to regulation, depending on the nature of the material absorbed. Check with appropriate regulatory authority for used material containing hazardous waste.

14. Transport Information

U.S. DOT HAZARD CLASSIFICATION:

PROPER SHIPPING NAME: Not Regulated

UN NUMBER: Not Applicable

PACKING GROUP: Not Applicable

LABELS REQUIRED: None

15. Regulatory Information

EPA SARA 311/312 HAZARD CLASSIFICATION: Chronic Health

EPA SARA 313: None

CERCLA: This product is not subject to CERCLA release reporting. Many states have more stringent reporting requirements. Report releases as required by local and state regulations.

CALIFORNIA PROPOSITION 65: This product contains respirable crystalline silica and wood dust which are known to the State of California to cause cancer.

TSCA: All of the components of this product are listed on the EPA TSCA Inventory or exempt from notification requirements.

EU REACH: Contact Oil Dri for information on REACH status.

JAPAN MITI: No data available

AICS: No data available

CANADIAN DSL: No data available

CANADIAN WHMIS CLASSIFICATION: Class D-2 A

This SDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the SDS contains all of the information required by the CPR.

16. Other Information

NFPA RATING	HEALTH: 1	FIRE: 1	REACTIVITY: 0
HMIS Rating	HEALTH: 1*	FIRE: 1	REACTIVITY: 0

SDS Date of Preparation/Revision:

December 17, 2014 – Conversion to Hazcom 2012 classification and labeling and format.

The information in this data sheet is believed to be accurate. However, each purchaser should make its own test to determine the suitability of the product for its purposes. GREEN KLEEN PRODUCTS INC. MAKES NO WARRANTY, EXPRESSED OR IMPLIED, WITH RESPECT TO THE PRODUCT and assumes no responsibility for any risk or liability arising from the use of the information or the product. Statements about the product should not be construed as recommendations to use the product in infringement of any patent.