

SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Environmental Network Inc.
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Prepared by: Laboratory
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PRODUCT NAME:	Crete Sweep
PRODUCT NUMBER:	683581 000166
CAS NUMBER:	NOT APPLICABLE, PRODUCT IS A MIXTURE
PRODUCT USE:	Concentrated cleaner for concrete surfaces

SECTION 2 – HAZARDS IDENTIFICATION

Physical Hazard Classification:

None

Health Hazard Classification:

Acute toxicity: Not Classified
Skin Irritation: Category 1
Eye Irritation: Category 1

Labeling:

Symbol: Corrosion; Health Hazard

Signal word: Danger



Hazard Statement: Causes severe skin burns and eye damage. May cause cancer if inhaled.

Precautionary Statement: Do not handle until all safety precautions have been read and understood. Do not breathe dusts or mists. Wear eye protection. Wear protective gloves and an OSHA approved respirator. Wash thoroughly after handling. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin: Immediately take off contaminated clothing. Rinse skin with plenty of water. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor for medical advice. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical attention. Store locked up. Dispose of contents or container in accordance with local regional and national regulations.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS#	CONCENTRATION %
Portland Cement	65997-15-1	40
Silica Quartz	14808-60-7	30
Calcium Hydroxide	1305-62-0	17 – 18
Magnesium Hydroxide	1309-42-8	11 – 12

NOTE: Components not listed here are either not OSHA hazardous or in concentrations of less than 1%.

SECTION 4 – FIRST AID MEASURES

Routes of entry include: eye, skin, ingestion and inhalation.

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

If on skin: Immediately take off contaminated clothing. Rinse skin with plenty of water. Wash contaminated clothing before reuse.

If swallowed: Rinse mouth. Do NOT induce vomiting.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor for medical advice.

Delayed Effects: PROLONGED INHALATION OF RESPIRABLE SILICA (DUST) WILL RESULT IN PERMANENT LUNG DAMAGE. A condition known as Silicosis.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing media: Water spray, all-purpose dry chemical, CO₂

Hazardous Components of Combustion: Thermal decomposition may produce carbon monoxide, carbon dioxide, and oxides of sulfur.

Special Fire Fighting Procedures:

Self-Contained breathing apparatus and proper protective clothing should be worn when fighting chemical fires.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions: Depending on extent of release, consider the need for fire fighters/emergency responders with adequate personal protective equipment for cleaning up. If dust is a concern, an OSHA approved respirator MUST be worn during clean-up.

Do not eat, drink or smoke while cleaning up. Ensure to protect skin and eyes from accidental exposure during clean-up. Wear protective clothing, safety glasses and gloves. Use a dust mask if dust or fine particles are present. Ensure there is adequate ventilation. Avoid all sources of ignition, hot surfaces and open flames.

Environmental precautions: Prevent spills from entering storm sewers or drains and contact with soil.

Methods and materials for containment and cleaning up: Eliminate all ignition sources. For large spills, shovel up and transfer to a closable disposal container (i.e. plastic lined fiber drum) and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations. For small spills use a broom and sweep into an appropriate disposal container. All spill areas should be flushed with water and dried to ensure no residue is left behind.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with eyes. Avoid prolonged repeated skin contact and breathing dust. Wash hands thoroughly after handling.

Conditions for safe storage, including incompatibilities: Store away from all ignition sources in a cool area equipped with an automatic sprinkling system. Ensure adequate ventilation. Store at controlled room temperature, 0 - 40 °C. Humidity of less than 40% is recommended to maintain product viability. Do not store near strong bases.

SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

Overview: As with any chemical compositions care should always be used when handling to reduce the chance of dust formation or spillage. Avoid dust formation. Avoid breathing any dust. Good personal hygiene practices should always be followed. Wash hands thoroughly after handling this product.

Eye protection: Wear safety glasses.

Lung protection: Wear an OSHA approved respirator when handling this product.

Skin protection: Neoprene gloves should be worn. Good personal hygiene practices should always be followed. Wash hands thoroughly after handling this product.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid
Appearance:	White to grey colored powder
Odor:	None.
Specific Gravity:	Not available
Vapor Pressure:	Not available
Vapor Pressure:	Not available
Evaporation Rate:	Not available
Boiling Point:	Not available
Freezing/Melt point:	Not available
pH :	10 - 13
Viscosity:	Not applicable
Solubility:	Slightly soluble in water
LogK_{ow}:	Not available

SECTION 10 – STABILITY AND REACTIVITY

General Stability: This product is stable under normal conditions. Keep away from direct sunlight.

Incompatible Materials: Avoid contact with strong oxidizing materials.
Avoid contact with strong acids and strong bases.
Avoid contact with reactive metals (e.g. sodium, calcium, zinc etc.)

Hazardous Polymerization: No

Hazardous Decomposition: Thermal decomposition may produce carbon monoxide, carbon dioxide, and oxides of nitrogen.

SECTION 11 – TOXICOLOGY INFORMATION

Acute Toxicity:

Test	Results	Basis
Oral LD50 (rat) mg/kg	Not Classified	Based on Ingredients
Dermal LD50 (rabbit) mg/kg	Not Classified	Based on Ingredients
Inhalation LD50 mg/L (dust)	Not Classified	Based on Ingredients
Skin Irritation	Category 1 - Corrosive	Based on Ingredients
Eye Irritation	Category 1 - Corrosive	Based on Ingredients

This product is determined to have an LD50 Oral, rat of >2,000mg/kg based on the individual ingredients amounts in the composition as a whole based on calculation outlined in *OSHA GHS Hazard Communication Standard 29 CFR 1910.1200 subsection A.1.3.6*

Eye Contact: Avoid contact with the eyes. Causes severe eye damage.

Skin Contact: Causes skin burns on direct contact.

Ingestion: May cause irritation if large quantities are swallowed.

Inhalation: Avoid breathing dust and mist.

Chronic Toxicity: PROLONGED INHALATION OF RESPIRABLE SILICA (DUST) WILL RESULT IN PERMANENT LUNG DAMAGE. A condition known as Silicosis. Exposure to respirable silica can cause cancer. Personnel exposed respirable silica MUST wear an OSHA approved respirator.

NTP Carcinogen: YES

IARC Carcinogen: YES

SECTION 12 – ECOLOGICAL INFORMATION

This product does not contain chlorine bleach, phosphates, borates or EDTA.

SECTION 13 – DISPOSAL CONSIDERATIONS

No components in this product are classified as a hazardous waste.

Dispose of contents/container in accordance with local regulations in a facility approved for silica disposal.

Do not dump into any body of water or onto the ground.

SECTION 14 – TRANSPORTATION

D.O.T. Shipping Information: Not regulated as a hazardous material for transportation under 49 CFR

D.O.T. Hazard Class: Non-hazardous

UN Classification: Not regulated

SECTION 15 – REGULATORY INFORMATION

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA). This material or all of its components are listed on the Canadian Domestic Substances List (DSL).

SARA Title 302/304 Hazard Classification: None.
SARA Title 311/312 Hazard Classification: Not applicable.
SARA Title 313 extremely toxic substance: None.

CALIFORNIA Prop 65 YES. This product contains a chemical known to the State of California to cause cancer.
30% Respirable Silica

Canadian Classification system:
WHMIS Classification: D2A and E

SECTION 16 – ADDITIONAL INFORMATION

HMIS Ratings

Health – 1 Flammability – 0 Physical Hazards – 0 PPE – **G X**

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NOTICE TO READER: The information contained in this Safety Data Sheet is provided to best knowledge of chemlink laboratories LLC as accurate. No warranty, expressed or implied is made to the continuing accuracy or completeness of this information. It is the responsibility of the user to determine proper use or handling of the material and use the best safety precautions that may be necessary. Since conditions of use are not under our control we disclaim all liability with respect to the safe handling of this product.

END OF SDS