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FOR CHEMICAL EMERGENCY
Involving Shipping and Handling Spills, Leak, Fire, Exposure or Accident
Call CHEMTREC 1-800-424-9300

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200

Section 1 - Product Identification

Product Name: Triple D Concrete Cleaner, all sizes

Product ID: 4105X

Section 2 - Composition/Information on Ingredients

CHEMICAL NAME (COMMON NAME)	CAS NO.
Ethylene glycol monobutyl ether	111-76-2
Sodium Hydroxide	1310-73-2
Tetrasodium ethylenediamine tetraacetate	64-02-8
Sodium Silicate	1344-09-8

Other ingredients are judged to be non-hazardous, their CAS numbers and their exact percent of composition are proprietary to National Chemicals, Inc.

Section 3 - Hazards Identification

NFPA RATING: Health 3 Flammability 0 Reactivity 1 Special Hazard

EMERGENCY OVERVIEW: WARNING! Can cause burns to eyes, respiratory tract, skin, and gastrointestinal tract. Can cause permanent eye damage. Aspiration Hazard. Can enter lungs and cause damage.

EYE CONTACT: Can cause severe irritation, corrosion, and damage to eyes

SKIN CONTACT: May cause severe irritation and corrosion of tissue

INHALATION: Prolonged exposure can cause severe irritation, possible burns with pulmonary edema.

INGESTION: May cause irritation, corrosion/ulceration, nausea, and vomiting.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Respiratory system (including asthma and other breathing disorders)

Section 4 - First Aid Measures

GET MEDICAL ATTENTION IMMEDIATELY.

EYES: Immediately flush eyes with water; remove contact lenses, if present, after the first 5 minutes, then continue flushing eyes for at least 15 minutes lifting the upper and lower eyelids intermittently. Washing eyes within several seconds is essential to achieve maximum effectiveness.

SKIN: Immediately flush contaminated areas with water. Remove contaminated clothing, jewelry, and shoes immediately. Wash contaminated areas with soap and water. Thoroughly clean and dry contaminated clothing and shoes before reuse.

INHALATION: Remove to fresh air. Give artificial respiration if not breathing. If breathing is difficult, give oxygen.

INGESTION: Never give anything by mouth to an unconscious or convulsive person. If swallowed, do not induce vomiting. Give large amounts of water. If vomiting occurs spontaneously, keep airway clear. Give more water when vomiting stops.

Section 5 - Fire Fighting Measures

FIRE AND EXPLOSION HAZARDS: None

EXTINGUISHING MEDIA: Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam.

FIREFIGHTING: Move container from fire area if it can be done without risk. Cool containers with water. Wear NIOSH approved positive-pressure self-contained breathing apparatus. Avoid contact with skin.

Section 6 - Accidental Release Measures

Wear appropriate personal protective equipment. Keep unnecessary and unprotected personnel away. Contain spilled material with dikes, sandbags, etc. Flush spill area with plenty of water to dilute before introducing it to the sewers..

Section 7 - Handling and Storage

HANDLING: Avoid breathing vapor or mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. When mixing, slowly add chemical to water. Never add water to chemical.

STORAGE: Keep container tightly closed and properly labeled. Do not store in Zinc, Aluminum, Aluminum alloys, Carbon steel, Copper, Copper alloys, Galvanized containers or containers using aluminum fittings or transfer lines. Keep separated from incompatible substances (see Section 10 of the MSDS).

Section 8 - Exposure Controls and Personal Protection

VENTILATION: Provide local exhaust ventilation where vapor or mist may be generated.

EYE PROTECTION: Wear safety glasses with side shields.

SKIN: Use impervious gloves (rubber or neoprene). Wear chemical resistant clothing and rubber boots when potential for contact with the material exists. Always place pants legs over boots. Thoroughly clean and dry contaminated clothing before reuse.

Section 9 - Physical and Chemical Properties

APPEARANCE: clear to opaque liquid
BOILING POINT: no data available
VOLATILITY: no data available

ODOR: odorless
WATER SOLUBILITY: soluble
EVAPORATION RATE: no data available

Section 10 - Stability and Reactivity

REACTIVITY: Stable

CONDITIONS TO AVOID: Mixing with acid or incompatible materials may cause splattering and release of large amounts of heat. Will react with some metals forming flammable hydrogen gas.

INCOMPATIBLE MATERIALS: Acids, halogenated compounds, prolonged contact with aluminum, brass, bronze, copper, lead, tin, zinc or other alkali sensitive metals or alloys.

POLYMERIZATION: Will not occur

Section 11 - Toxicological Information

When in solution, this material will affect all tissues with which it comes in contact. The severity of the tissue damage is a function of concentration, the length of tissue contact time, and local tissue conditions. After exposure there may be a time delay before irritation and other effects occur. This material is a strong irritant and is corrosive to the skin, eyes, and mucous membranes. This material may cause severe burns and permanent damage to any tissue with which it comes into contact.

Section 12 - Ecological Information

ECOTOXICITY: This material has exhibited mild toxicity to aquatic organisms.

BIODEGRADATION: This material is inorganic and not subject to biodegradation.

Section 13 - Disposal Considerations

Reuse or reprocess if possible. Flush spill with plenty of water before disposal. Dispose in accordance with all applicable regulations.

Section 14 - Transport Information

Not classified as hazardous according to Department of Transportation.

Section 15 - Regulations

CERCLA: No CERCLA Reportable Quantity has been established for this material.

SARA TITLE III: Not an Extremely Hazardous Substance under 302. Not a Toxic Chemical under 313.

Section 16 - Other Information

SUPERSEDES DATE: August 18, 2008

The information and recommendations in this Material Safety Data Sheet are based upon data believed to be correct and does not relate to its use in combination with any other material or process. Since use conditions vary, we assume no liability for failure to follow product use direction and safety precautions. As data, standards and regulations change; NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.