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National Chemicals Incorporated

DBC® Lime & Mineral Solvent
April 28, 2015

SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: DBC Lime & Mineral Solvent
PRODUCT ID: 4100x
PRODUCT USE: Cleaning compound
EMERGENCY: CALL CHEMTREC 1-800-424-9300

MANUFACTURER: National Chemicals, Inc.
PO Box 32, Winona, MN 55987
800-533-0027 or 507-454-5640
info@NationalChemicals.com

SECTION 2 HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Health	Environmental	Physical
Acute Toxicity, oral: Category 4 Skin Corrosion/Irritation: Category 1C Eye Irritation: Category 1		

Hazard Symbols:
Acute Toxicity, oral
Skin Corrosion
Eye Irritation

Signal Word:
DANGER

Hazard Statements	Precautionary Statements
H302: Harmful if swallowed H314: Causes severe skin burns and eye damage	P102: Keep out of reach of children P260: Do not breathe mist, vapors or spray P264: Wash thoroughly after handling P270: Do not eat, drink, or smoke when using this product P280: Wear gloves and eye protection

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration % by Weight
Sulfamic Acid	5329-14-6	10-20%
Glycolic Acid	79-14-1	≤ 10%
Phosphoric Acid	7664-38-2	≤ 10%

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

SECTION 4 FIRST AID MEASURES

If in Eyes: Immediately call Poison Center or doctor. Rinse cautiously with for several minutes. Remove contact lenses, if present. Continue rinsing.
If on Skin (or hair): Immediately call Poison Center or doctor. Immediately take off contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.
If Inhaled: Call Poison Center or doctor. Remove person to fresh air and keep comfortable for breathing.
If Swallowed: Immediately call Poison Control or doctor. Rinse mouth. Do NOT induce vomiting.

SECTION 5 FIREFIGHTING MEASURES

Flammable Properties: Not Flammable
Suitable Extinguishing Media: Flood with water for extinguishing agent.
Hazardous Combustion Products: Unknown
Protection for Firefighters: Wear self-contained breathing apparatus and full protective gear, as with any fire.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Ventilate area. Use personal protective equipment. Contain spill with dikes, sandbags, etc. Avoid inhe
Environmental Precautions: Do not flush to sewer. This material is acidic and may lower the pH of the surface waters. Small amo
Methods For Cleaning Up: Neutralize with alkaline material (soda ash, lime or dilute caustic soda) then absorb with an inert material (vermiculite, dry sand, earth). Flush remaining material with plenty of water. Sweep up

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. Store in a cool, dry place. Do not freeze. Do not store in aluminum container or use aluminum fittings or transfer lines. Keep separate from alkalis.

SECTION 8 PRECAUTIONS TO CONTROL EXPOSURE/PERSONAL PROTECTION

Eye Protection: Wear safety glasses with side shields.
Skin Protection: Use neoprene gloves. Always place pant legs over boots. Thoroughly clean and dry contaminated clothing before reuse.
Respiratory: Provide local exhaust ventilation where vapor or mist may be generated.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Liquid
Odor: Odorless
Water Solubility: Soluble
pH: Acidic in Solution
Boiling Point: Greater than 212°F (100 °C)
Freezing Point: Less than 32 °F (0 °C)

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable at normal temperatures and pressure.
Decomposition: Thermal decomposition products or combustion: hydrogen gas or phosphorus oxides.
Incompatible Materials: Soft metals (i.e. aluminum, zinc) and strong alkalis (i.e. sodium hydroxide, mercuric sulfate, perchloric acid).

SECTION 11 TOXICOLOGICAL INFORMATION

Likely Routes Of Exposure: Eye and skin contact.
Acute Systems And Effects: 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
Eye Contact: Exposure may cause severe burns and permanent damage to eyes.
Skin Contact: Exposure may cause severe burns and permanent tissue damage.
Inhalation: May cause irritation. Extreme exposures may cause burns to respiratory tract, nose, mouth, and throat.
Ingestion: Ingestion may cause internal burns and tissue damage.
Chronic Effects: None known

SECTION 12 ECOLOGICAL INFORMATION

Biodegradation: Not known.
Eco-toxicity: In large quantities, this material may be harmful to aquatic life.

SECTION 13 WASTE DISPOSAL CONSIDERATIONS

Flush spill with plenty of water before disposal. Dispose in accordance with all applicable regulations.

SECTION 14 TRANSPORT INFORMATION

Hazard Class: Not classified as hazardous according to Department of Transportation

SECTION 15 REGULATORY INFORMATION

TSCA Inventory Status: All components of this product are on the TSCA Inventory or are exempt for TSCA Inventory requirements.
SARA TITLE III, SECTIONS 311/312: ACUTE: Yes CHRONIC: No FIRE: No REACTIVE: No SUDDEN RELEASE: No
SARA TITLE 313: Not regulated

SECTION 16 OTHER INFORMATION

Training Necessary: Yes, training in practices and procedures contained in product literature or on product label
Issue Date: April 28, 2015
Supersedes: June 29, 2010

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.