

Material Safety Data Sheet

This MSDS complies with 29 CFR 1910.1200 OSHA's Hazard Communication Standard.

PRODUCT: Universal Deck & Siding Cleaner Concentrate

RNA #35-155

DATE PREPARED: 08/23/05

HAZARD RATING	HMIS	HAZARD	NFPA
4 - Very High	2	Health	2
3 - High	0	Flammability	0
2 - Moderate	1	Reactivity	1
1 - Slight	B	Personal Protection	B

SECTION I SOURCE AND EMERGENCY PHONE CONTACTS:

NATIONAL INTERCHEM INC.
2819 W Lake Street, Chicago, IL 60612

EMERGENCY PHONE NO. - (708)-597-7777
CHEMTREC: (800)424-9300

SECTION II INGREDIENT INFORMATION

Chemical Identity/Common Name	CAS#	OSHA PEL ACGIH	TWA TLV	Wt Max%
Sodium Metasilicate	6834-92-0	2 mg/m3 as Na2O	2 mg/m3 as Na2O	.05 - 1
Sodium hydroxide	1310-73-2	2 mg/m3 as Na2O	2 mg/m3 as Na2O	.25 - .5
2-Butoxyethanol	111-76-2	25 ppm (skin)	25 ppm (skin)	5
Surfactant Blend	Proprietary	N.E.	N.E.	10
Water Conditioner	Proprietary	N.E.	N.E.	1
Water	7732-18-5	N.E.	N.E.	Balance

SECTION III HEALTH HAZARD IDENTIFICATION (Also See Section XI)

ROUTE(S) OF ENTRY - Eye & Skin Contact.

EFFECTS OF ACUTE EXPOSURE: **EYE:** Causes irritation that may result in damage to eyes. **SKIN:** Prolonged contact may produce severe irritation. Irritation may be delayed. **INGESTION:** Causes severe burns to mucous membranes of the mouth, throat, esophagus, and stomach. **INHALATION:** Breathing of mist, or spray may cause damage to upper respiratory tract and the lung tissue which could produce chemical pneumonia depending on the severity of exposure.

MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE: May exacerbate existing dermatitis, will aggravate respiratory diseases.

SECTION IV FIRST AID MEASURES

EYE CONTACT - Immediately flush eyes with large amounts of water for at least 15 minutes, holding lid apart to ensure flushing of the entire surface. Washing eyes within several seconds is essential to achieve maximum effectiveness. Seek medical attention.

SKIN CONTACT - Wash contaminated areas with water for at least 15 minutes. Remove contaminated clothing and footwear and wash clothing before reuse. Discard footwear which cannot be decontaminated. Seek medical attention if irritation persists.

INHALATION - Remove to fresh air; if breathing is difficult, have trained person administer oxygen. If respiration stops, give mouth-to-mouth resuscitation. Get medical attention. free from further exposure.

SECTION V FIRE AND EXPLOSION HAZARD DATA

Flash Point (TCC): > 212° F Flammable Limits: LEL: N.E UEL: N.E.

Extinguishing Media: Dry chemical, foam, carbon dioxide or water.

Special Fire Fighting Procedures: Use National Institute of Occupational Safety and Health (NIOSH) certified gas mask use self-contained breathing apparatus.

Unusual Fire and Explosion Hazard: None

SECTION VI PREVENTIVE RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Prevent additional discharge of materials if possible to do without hazard. Dike large spills. Absorbed with inert material. Sweep or scrape up and containerize. Wear/use appropriate protective equipment. Dispose of according to Federal, State and Local regulation.

SECTION VII HANDLING AND STORAGE

PRECAUTIONARY INFORMATION: DANGER: Harmful if swallowed. Avoid contact with eyes & skin.

OTHER HANDLING AND STORAGE CONDITIONS: Store at room temperature.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: No special requirements under normal use conditions.

VENTILATION: General room ventilation adequate.

PROTECTIVE GLOVES: Use rubber gloves.

EYE PROTECTION: Use safety glasses.

OTHER PROTECTIVE MEASURES: No special requirements.

SECTION IX PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: N.A.

Specific Gravity (Water = 1.0): 1.053

Vapor Pressure: N.A.

Melting Point: N.A.

Vapor Density: N.E.

Solubility in Water: Complete

Evaporation Rate: N.A.

Theoretical VOC: 2 to 6% by Wt. pH : 13 (Concentrate)

Freezing Point: N.A.

Percent Volatile by Volume: N.A.

Appearance & Odor: Clear blue/green with mild glycol ether aroma.

SECTION X STABILITY AND REACTIVITY

STABILITY: STABLE

STABILITY CONDITIONS TO AVOID: High heat and contact with soft metals.

INCOMPATIBILITY: Strong Acid and Oxidizing Agents.

HAZARDOUS DECOMPOSITION PRODUCTS: By Heat and Fire: Carbon monoxide, Carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID: None

SECTION XI TOXICOLOGY INFORMATION (Also see Section III)

EFFECTS OF CHRONIC EXPOSURE: THE EFFECT CONCENTRATED SOLUTION ON LOCAL DERMAL EXPOSURE MAY CONSIST OF MULTIPLE AREAS OF SUPERFICIAL DESTRUCTION OF THE SKIN OR OF PRIMARY IRRITANT DERMATITIS. SIMILARLY, INHALATION OF CONCENTRATE BY SPRAY, OR MIST MAY RESULT IN VARYING DEGREES OF IRRITATION OR DAMAGE TO THE RESPIRATORY TRACT TISSUES AND AN INCREASED SUSCEPTIBILITY TO RESPIRATORY ILLNESS.

SECTION XII ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Compound Cleaning Liquid (Contains Sodium Hydroxide and Sodium Silicate) 8, UN 1760, III, CORROSIVE

SECTION XIII DISPOSAL CONSIDERATIONS

WASTE DISPOSAL INFORMATION: Observe all applicable Federal/ Provincial/ State regulations and Local/ municipal ordinances regarding disposal.

SECTION XIV TRANSPORTATION INFORMATION

US DOT INFORMATION: None

SECTION XV REGULATORY INFORMATION

NONE

SECTION XVI OTHER INFORMATION

ADDITIONAL INFORMATION: USE AS DIRECTED

EPA REGISTRATION NO.: Not Applicable

PREPARATION INFORMATION

PREPARED BY: JYC (Refer to Page 1 for contact information.)

NOTE: The information in this document is believed to be correct as of the date issued, and given in good faith, but no warranty expressed or implied is made by NATIONAL INTERCHEM CORPORATION. This information and product are furnished on the condition that the person, company or organization receiving them shall make his own determination as to the suitability of the product for his particular purpose on the condition that he assumes the risk thereof.