



DUR-A-FLEX
INNOVATION FROM THE FLOOR UP

95 Goodwin Street, East Hartford, CT., 06108 (860) 528-9838

Material Safety Data Sheet

Date Prepared 8/2/2010

SECTION I - IDENTIFICATION	HAZARD RATING	Health	2
	0 = Least	Flammability	0
	1 = Slight 2 = Moderate	Reactivity	0
	3 = High 4 = Extreme	Personal Protection	H
IDENTITY (As Used on Label)	EZ CLEAN		
COMMON NAME	Compound cleaning liquid, n.o.s. ²		

SECTION II - PRODUCT COMPONENTS	CAS.#	OSHA PEL	ACGIH TLV
Sodium Silicate	1344-09-8/9	NE ¹	NE

¹None Established

No reportable elements under Section 313 of the Superfund Amendments and Reauthorization Act.

²n.o.s - not otherwise specified

T.S.C.A. Status - O.K. on all components

FOR SPILL, LEAK, FIRE, OR ACCIDENT, CALL CHEMTREC 24-HOUR EMERGENCY NUMBER 1-800-424-9300

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS			
Boiling Point	102°C	Specific Gravity (H2O = 1)	1.06
Vapor Pressure (mm Hg)	Non-volatile	Melting Point	N/A
Vapor Density (AIR = 1)	Non-volatile	Evaporation rate (Butyl Acetate = 1)	Non-volatile
Solubility in Water	Completely	Volatile Organic Compounds (VOC)= Zero grams/liter	
Appearance and Odor	Blue liquid nonspecific scent		

SECTION IV - FIRE and EXPLOSION HAZARD DATA			
Flash Point (Closed Cup Method)	N/A	Flammable Limits	LEL UEL N/A N/A
Extinguishing Media	Water spray, alcohol foam, CO2		
Special Firefighting Procedures	Use NIOSH/MSHA approved self-contained breathing apparatus in areas where this material is involved in a fire. This product is nonflammable.		
Unusual Fire and Explosion Hazards	Protective clothing for skin and eye protection should be worn to protect against highly alkaline chemicals.		

SECTION V - REACTIVITY DATA			
Stability	Unstable		Conditions to Avoid
	Stable	X	None Known.
Incompatibility (Materials to Avoid)	Do not mix with acidic products.		
Hazardous Decomposition or Byproducts	N/A		
Hazardous	May Occur		Conditions to Avoid

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	YES	YES

Signs and Symptoms of Exposure Burning eyes, redness of skin.

Health Hazards (Acute and Chronic) Acute: Burns skin, eye (possible permanent corneal damage), mucous membranes of the respiratory tract, mouth, throat, esophagus and stomach. Chronic: Local effect may consist of multiple areas of superficial destruction of the skin or of primary irritant dermatitis. This product has a low vapor pressure at room temperature and is not expected to present a significant Inhalation hazard under ambient conditions. This product, however, can be irritating to the respiratory tract if inhaled as a mist or if the material is vaporized. Dermal contact is expected to be the primary route of exposure to this product. This product is considered corrosive to the eyes and skin.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	NO	NO	NO

Medical Conditions Generally Aggravated by Exposure
Sensitive skin

Emergency and First Aid Procedures Eyes: Object is to flush material out immediately then seek medical attention. Immediately flush eyes with large amounts of water for at least fifteen minutes holding lids apart to ensure flushing of the entire surface. Washing eyes within one minute is essential to achieve maximum effectiveness. Seek medical attention immediately. Skin: Wash with plenty of water for fifteen minutes. Remove contaminated clothing and wash before reuse. Seek medical attention if symptoms are present. Ingestion: Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting. Give large quantities of water. If available, give several glasses of milk. If vomiting occurs spontaneously, keep airway clear. Seek medical attention immediately.

SECTION VII - CONTROL MEASURES

Respiratory Protection (Specify Type) Where required use only NIOSH/MSHA approved respirator following manufacturers recommendation where mist or spray of concentrate may be generated.

Ventilation	Local Exhaust	Special
	Mechanical	
Protective Gloves	See below	Eye Protection Chemical splash goggles and face shield

Other Protective Clothing or Equipment
Gloves coated with rubber, synthetic elastomers, PVC, or other impervious material should be worn when handling this product to minimize skin contact.
Standard work clothes should be worn. Wash soiled clothing in soap and water and dry before reuse.

Work/Hygienic Practices Eyewash facilities should be accessible.

SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled
Using appropriate protection (impervious gloves, coveralls, boots, goggles, etc.) contain spill. Remove as much as possible and reuse is possible. Neutralize remaining traces with dilute mineral acids to a pH of 6 – 8.

Waste Disposal Method
Due to widespread variance in disposal regulations, consult federal, state, and local regulatory agencies for proper disposal of this product.

Precautions to be Taken in Handling and Storing
Good industrial hygiene practices should be adhered to when handling and storing this product. Avoid contact with undiluted product.

Other Precautions Do not transfer to unmarked containers.

Prepared by Samet Dy - Chemist ---

PLEASE NOTE This Material Safety Data Sheet was prepared in accordance with 29 CFR 1910.1200. All information, recommendations and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable, however it is the user's responsibility to determine the safety, toxicity and suitability for their own use of the product described herein. Since actual use by others is beyond our control, no guarantee expressed or implied is made by Dur-A-Flex, Inc. as to the effects of such use, the results to be obtained or the safety and toxicity of the product nor does Dur-A-Flex, Inc. assume any liability arising out of use by others of the product referred herein. Nor is the information herein to be construed as absolutely complete since additional information may be necessary or desirable