

**MATERIAL SAFETY DATA SHEET**

Date Prepared: 01-07-05 By Charles D. Werner (253) 880-0170

<b>SECTION 1 - PRODUCT IDENTIFICATION</b>			
Distributed By: Sac Val Janitorial Sales and Service	Emergency Phone No: 1-800-228-5635 ext. 059		
Address: 2400 Manning Street Sacramento, CA 95815			
Trade Name: DYNAMIC 101	Product Type/Use: Industrial Degreaser		
Product Code: FLIBUSRX	Formula: Mixture		
<b>SECTION 2 - HAZARDOUS INGREDIENTS</b>			
Chemical Name/Common Name:	CAS NO.	PERCENT (optional)	TLV/PEL
Potassium Hydroxide	1310-58-3	7	2 MG/M3 (ACGIH)
* 2 Butoxyethanol LD50 (oral-rat) 470 mg/kg, LD50 (skin-rab) 220 mg/kg, LC50 (rat) 700ppm	111-76-2	5	25 skin (OSHA)
Sodium Silicate	1344-09-8	3	None
* reportable under Section 313 of Title III and of 40 CFR 372			
<b>SECTION 3 - PHYSICAL DATA</b>			
Boiling Point: (F) 212 (100 C) Freezing Point 32 F (0 C)	Specific Gravity: (H2O = 1.0) 1.111	pH: 13.0 - 13.5	
Vapor Pressure: (mm/Hg) Not Determined	Vapor Density: Heavier than air		
Solubility In Water: Complete	Coefficient of water/oil: Not available		
Evaporation Rate (Vs ether) Slower			
Appearance and Odor: Liquid, non-viscous, RED color and non-descript fragrance	Odor Threshold: Not available		
<b>SECTION 4 - FIRE AND EXPLOSION HAZARD DATA</b>			
Flash Point (T.C.C.): NONE			
Extinguishing Media: nonflammable and non-explosive.		No special procedures required.	
Special Fire Fighting Procedures: none required.			
Unusual Fire and Explosion Hazards: NOTHING SPECIAL.			
<b>SECTION 5 - REACTIVE DATA</b>			
Stability: Stable	Incompatibility: Keep away from acids and strong oxidizers and soft metals like aluminum.		
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide and unknown organic compounds.			
<b>SECTION 6 - HEALTH HAZARDS</b>			
Threshold Limit Value - Product (See Section 2 for Ingredient TLV/PEL): None Established			
Primary Routes of Exposure: Eye - yes	Skin- yes	Oral- yes	Inhalation -yes Other
<b>Signs and Symptoms of Over-exposure (Acute):</b> EYES: Liquid and mists are corrosive to the eye. INHALATION: Undiluted vapors may irritate the respiratory tract. Inhalation of higher concentration may cause headaches, nausea, vomiting, SKIN: Brief contact with concentrate will irritate the skin, but this irritation is reversible. Prolonged exposure may burn the skin. INGESTION: Liquid and vapors are corrosive to the mouth and throat. Swallowing the liquid burns the tissues, and may cause severe abdominal pain, nausea, or vomiting.			
<b>Chronic Health Hazards:</b> In animals, excessive overexposure to this glycol ether has shown effects on the liver, kidneys and red blood cells.			
<b>Medical Conditions Aggravated by Over-exposure:</b> Persons with pre-existing skin disorders, impaired respiratory function maybe more susceptible to effects.			
<b>Carcinogen or Suspect Carcinogen Ingredients:</b> NTP - NO IARC - NO OSHA - NO			
<b>SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES</b>			
Eyes: Flush with immediately with lots of running water for at least 15 minutes holding eyelids open. Get medical attention.			
Skin: Wash skin with soap and water. Remove contaminated clothing & shoes. Wash before reuse.			
Ingestion: DO NOT INDUCE VOMITING. If vomiting occurs spontaneously, keep victims head below his hips to prevent his breathing vomitus into his lungs. Drink 1 to 8 glasses of water or milk to dilute. Call physician or poison control center immediately, Treat symptomatically. Do not give anything by mouth to an unconscious or convulsing person.			
Inhalation: Get to fresh air.			
<b>SECTION 8 - SPECIAL PROTECTION INFORMATION</b>			
Respiratory Protection: Not normally required when using this product as directed.			
Ventilation Requirements: Adequate ventilation required to keep exposure under TLV/PEL.			
Protective Gloves: Required. the product is highly alkaline			
Eye Protection: Not normally required. Goggles are recommended if splashing might occur -- wearing contact lenses is not recommended while using this product. Face shield are required if used overhead or misting or spraying.			
<b>Other:</b> When using this product as a floor stripper or cleaner waterproof footwear must be worn. Where gross eye and skin contact may occur -- use and wear appropriate protective clothing including alkali-resistant clothing, rubber boots with pants on the outside, and rubber gloves. .			
<b>SECTION 9 - SPILL OR LEAK PROCEDURES</b>			
<b>Steps to be Taken if Released or Spilled:</b> For small spills, mop or wipe up and contain. For large spills, contain by diking with absorbent material and contain. Rinse with water into sanitary sewer system where available. Keep the product out of storm drains, surface waters and soil.			
<b>Waste Disposal Methods:</b> The contaminates of the product must be considered when disposing. Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures and comply with them.			
<b>SECTION 10 - STORAGE AND HANDLING INFORMATION</b>			
<b>Precautions to be Taken in Handling and Storage:</b> Nothing special is required. Do not mix chemicals. This product is a class 8 corrosive for storage and transport according DOT/TDG regulations. Keep container tightly closed when not in use.			