MATERIAL SAFETY DATA SHEET

SECTION 1. PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: SB HD CLEANER & DEGREASER

PRODUCT I.D. NUMBER (PIN): 1719

PRODUCT NUMBER: 00401USB

WHMIS CLASS: E; D2B

PRODUCT USE: Concentrated butyl degreaser and cleaner

DOT HAZARD CLASS: Corrosive Material

COMPANY:

Essential Industries, Inc
P.O. Box 12
Merton, WI 53056-0012

EMERGENCY PHONE: 800-843-6174

DOT SHIPPING NAME:

Caustic Alkali Liquid, N.O.S
(Potassium hydroxide, Monoethanolamine)
8, UN1719, PGIII

H.M.I.S.

		HAZARD RATING
3	HEALTH	4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant
0	FIRE	
1	REACTIVITY	
C	MAXIMUM PERSONAL PROTECTION	

A = Goggles B = Goggles & Gloves C = Goggles, Gloves & Apron

ABBREVIATION KEY: N.A. - Not Applicable N.E. = Not Established N.D. = Not Determined

SECTION 2 - HAZARDOUS INGREDIENTS INFORMATION

HAZARDOUS CHEMICAL IDENTITY	CAS NO.	%	PEL	TLV	LD50	LC50
Water	7732-18-5	40-70	N.E.	N.E.	N.D	N.D.
2-Butoxyethanol	111-76-2	22	25ppm	25ppm	470mg/kg	700ppm 7hr
Potassium hydroxide	1310-58-3	1-5	2mg/m³	2mg/m³	365mg/kg	N.D
Monoethanolamine	141-43-5	5-10	3ppm	3ppm	1720mg/kg	N.D
Sodium xylene sulfonate	1300-72-7	10-30	N.E	N.E	N.D	N.D

This mixture contains 22% 2-Butoxyethanol which is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR, Part 372

SECTION 3 - PHYSICAL DATA

Color: Colorless

Odor: Butyl

Physical State: Liquid

Solubility In Water: Complete

Boiling Point: 100°C (212°F)

Freezing Point: 0°C (32°F)

Water/Oil Distribution: N.E

Odor Threshold: N.E

Vapor Pressure: <30 mm of Hg

Vapor Density (Air=1): <1

Evaporation Rate (Water=1): N.E

VOC Content: 21.0%

pH: 12.7 - 13.3

1% pH: 10.5

Specific Gravity: 1.03 gm/ml

Weight per Gallon: 8.52 lbs./gal.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: N.A

Flammable Limits: N.A.

Hazardous Combustion Products: N.A

Autoignition Temperature N.A

LEL: N.A UEL: N.A

Extinguishing Media: Use dry chemical or CO_2.

Special Fire Fighting Procedures: Use proper protective equipment.

Unusual Fire and Explosion Hazards: None.

SECTION 5 - REACTIVITY DATA

Chemical Stability: Stable.

Incompatibility (Materials to Avoid): Acids, aluminum and other soft metals.

Hazardous decomposition of By-Products: None known.

Hazardous Polymerization: Will not occur.

SECTION 6 - TOXICOLOGICAL PROPERTIES

Routes of Entry: Ingestion Inhalation. Skin contact. Eye contact

Sensitization: No.

EFFECTS OF OVEREXPOSURE (Acute and/or Chronic):

Eyes: May cause severe irritation, redness, burns and possible corneal injury.

Skin: May cause severe irritation, redness, burns. May be absorbed through skin with prolonged or repeated contact.

Ingestion: May cause severe irritation or burning of gastrointestinal tract and possible mucosal injury.

Inhalation: May irritate respiratory tract when used with inadequate ventilation.

Toxicologically Synergistic Products: None known.

Medical Conditions Aggravated by Exposure: None known

Carcinogenic Effects: NO carcinogenic effect

Mutagenic Effects: NO mutagenic effect.

Teratogenic Effects: NO teratogenic effect

Reproductive Toxicity: NO reproductive toxicity effect.

SECTION 7 - PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: None normally required with adequate ventilation.

Protective Gloves: Rubber/Neoprene.

Protective Clothing and Equipment: Full cover clothing - rubber apron.

Storage Requirements: Store in cool, dry area. Follow good housekeeping practices.

Ventilation: Local Exhaust: Acceptable Mechanical: Recommended

Eye Protection: Chemical splash goggles

Work and Hygienic Practices: After handling, always wash hands thoroughly with soap and water.

Other Requirements: Keep out of reach of children

Steps to be Taken If Material Is Spilled or Released: Collect and reuse if possible. Dilute and flush to sewer with large quantities of water if permitted by regulatory authorities or absorb on inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways.

Waste Disposal: Dispose of as permitted by all federal, provincial, state and local regulatory authorities

SECTION 8 - EMERGENCY FIRST AID PROCEDURES

FIRST AID - NOTES TO PHYSICIAN:

Eyes: Flush with a large amount of water for 30 minutes holding eyelids open. Seek medical attention.

Skin: Remove contaminated clothing and footwear. Flood/shower with water for 30 minutes.

Ingestion: Rinse mouth with water. Give 2-3 large glasses of water. Do not induce vomiting. Seek medical attention.

Inhalation: Remove to fresh air and rest. In all cases if symptoms persist, seek medical attention.

Note to Physician: No additional information.

SECTION 9 - PREPARATION INFORMATION

Prepared By: Regulatory Affairs Department Phone: 262 538 1122 Date of Preparation: 1/1/2005