

# MATERIAL SAFETY DATA SHEET



H.M.I.S RATING

2 HEALTH	HAZARD RATING 4=Extreme 3= High 2=Moderate 1=Slight 0=Insignificant
0 FIRE	
0 REACTIVITY	
C MAXIMUM PERSONAL PROTECTION	
A=GOGGLES, B=GOGGLES & GLOVES C=GOGGLES, GLOVES & APRON	

## Section 1 – Product/Manufacturer's Identity

**PRODUCT NAME:** Power Scrub  
**PRODUCT NUMBER:** 690145  
**PRODUCT USE:** Cleaner/Degreaser

**PRODUCT I.D. NUMBER (PIN):** 1760  
**WHMIS CLASS:** E D2B  
**DOT HAZARD CLASS:** Corrosive Material

**COMPANY:**  
Eagle Solutions.  
P.O. Box 350  
100 Eagle Pkwy.  
Adairsville, GA 30103

**DOT SHIPPING NAME:**  
Corrosive Liquid N.O.S.  
(potassium hydroxide, monoethanolamine)  
Hazard Class 8, UN 1760, PG111

**24-HOUR EMERGENCY PHONE:** Infotrac 800-843-6174 770-773-3875

**Abbreviation Key:** N.A.=Not Applicable, N.E.=Not Established, N.D.= Not Determined

## Section 2 –Hazardous Ingredient Information

<u>HAZARDOUS CHEMICAL IDENTITY</u>	<u>CAS NO.</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>% OPTIONAL</u>	<u>LD50 (Oral) rat</u>	<u>LC50 (INHL)</u>
* 2-butoxyethanol	111-76-2	TWA: 20 PPM	TWA: 50 PPM	10-15	470 mg/kg	450 PPM/4HRS
Potassium Hydroxide	1310-58-3	N.E.	N.E.	1-3	365 mg/kg	N.D.
Monoethanolamine	141-43-5	TWA: 3 PPM	3 PPM	5-10	1720 mg/kg	N.D.

\* -> These items are listed on the Sara Title III Section 313 Inventory

+ -> Denotes Ceiling Limit

The exact composition of this formula is considered to be proprietary information however, this product contains no other hazardous components at a level of 1% or greater and no known or suspected carcinogen at a level of 0.1% or greater.

## Section 3 –Physical Data

<b>Color:</b> Colorless	<b>Boiling Point:</b> 100°C (212°F)	<b>Vapor Pressure:</b>	<b>pH:</b> 13.0-13.5
<b>Odor:</b> Glycol ether	<b>Freezing Point:</b> 0°C (32°F)	<b>Vapor Density (Air=1):</b> >1	
<b>Physical State:</b> Liquid	<b>Water/Oil Distribution:</b> N.E.	<b>Evaporation Rate (Water=1):</b> <1	<b>Specific Gravity:</b> 1.01
<b>Solubility in Water:</b> Infinitely Soluble	<b>Odor Threshold:</b> N.E.	<b>Percent VOC:</b> 19.5 %	<b>Percent Volatile:</b> 98%

## Section 4 –Fire & Explosion Hazard Data

**Flash Point and Method:** 156°F (T.C.C.)  
**Flammable Limits:** LEL: N.E . UEL: N.E .  
**Special Fire Fighting Procedure:** Use proper protective equipment  
**Autoignition Temperature:** N.A.

**Extinguishing Media:** Use dry chemicals or CO2  
**Hazardous Combustion Products:** N.A  
**Unusual Fire & Explosion Hazard:** Avoid source of ignition

## Section 5 –Reactivity Data

**Chemical Stability:** Stable  
**Incompatibility (Materials to Avoid):** Acids, aluminum and other soft metals

**Hazardous decomposition of By-Product:** 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 burns or corneal damage.  
**Skin:** Prolonged or repeated contact may cause irritation or possible damage.  
**Ingestion:** May cause gastrointestinal irritation, nausea, diarrhea.  
**Inhalation:** Prolonged exposure in poorly ventilated area may cause respiratory irritation.

**Toxicologically Synergistic Product:** None Known  
**Medical Conditions Aggravated by Exposure:** None Known  
**Carcinogenic Effect:** None  
**Mutagenic Effect:** None  
**Teratogenic Effect:** None  
**Reproductive Toxicity:** None

## Section 7 –Preventative & Control Measures

**Respiratory Protection:** None normally required with adequate ventilation.  
**Protective Gloves:** Rubber to protect sensitive skin.  
**Protective Clothing and Equipment:** As needed to prevent wetting clothing .  
**Storage Requirement:** Store in cool, dry area away from sources of ignition. Empty Container retains vapor and product residue: do not puncture or Weld on or near container.

**Ventilation:** Local Exhaust: Mechanical: Acceptable  
**Eye Protection:** Chemical splash goggles  
**Work & Hygienic Practices:** Wash thoroughly after handling.

**Other Requirements:** Keep out of reach of children.

**Steps to be taken if material Is spilled or released:** Collect and reuse if possible. Flush to sewer with large quantities of water if permitted by regulatory authorities or absorb in inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways.

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

## Section 8 –Emergency & First Aid

**First Aid –Notes to Physician:**  
**Eyes:** Flush with large amounts of water for 30 minutes holding eyelids open.  
**Ingestion:** Give 2-3 large glasses of milk or water. Do not induce vomiting. Seek medical attention.

**Skin:** Wash with mild soap and water.  
**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:** 770-773-3875

**Date of Preparation:** January 1, 2009