

**SECTION 1 - PRODUCT AND COMPANY INFORMATION**

**Product Name:** PEERCO HBJ WATER SOLUBLE DEGREASER

**Manufacturer:** PEERLESS QUALITY PRODUCTS, INC.  
12416 CLOVERDALE, DETROIT, MI 48204  
313-933-7525

**Emergency Telephone:**

**Preparer's Name:** HENRY P. GREENE  
**Title:** TECHNICAL DIRECTOR

**Date Prepared:** 1/16/04

**SECTION 2 - COMPOSITION INFORMATION ON INGREDIENTS**

**Chemical Name:** POTASSIUM HYDROXIDE 45%  
**CAS #:** 1310-58-3  
**% W:** 1.1

**Chemical Name:** DIPROPYLENE GLYCOL METHYL  
**CAS #:** ETHER  
**% W:** 34590-94-8  
1.1

**Chemical Name:** ETHYLENE GLYCOL N-BUTYL  
ETHER  
**CAS #:** 111-76-2  
**% W:** 1.0  
**Carcinogen:** None

**SECTION 3 - HAZARDS IDENTIFICATION****Emergency Overview**

**Physical Appearance/odor:** Orange liquid-butyl, soapy odor

**Warning Statements:** Causes eye irritation

**Primary Routes of Entry:** May cause skin irritation

**Eyes:**

**Skin:** Causes severe irritation

**Inhalation:** May cause irritation

**Ingestion:** Mist of concentrate may cause irritation

**Medical Conditions Aggravated:** May cause nausea, vomiting, diarrhea, irritation  
Not available

**SECTION 4 - FIRST AID MEASURES**

**Eyes:** Flush with water for 15 minutes and see physician immediately

**Skin:** Flush with water for 15 minutes, if irritation persists, see physician immediately

**Inhalation:** Remove to fresh air, see physician immediately  
DO NOT INDUCE VOMITING. Give large amounts of water or milk and see physician immediately

**Ingestion:**

**SECTION 5 - FIRE-FIGHTING MEASURES**

**Flash Point:** >250° F

**Method Used:** PMC

**Flammable Limits:** None Determined LEL: UEL:

**Fire Extinguishing Media:** Water Fog, Alcohol Foam, Dry Chemical, CO<sub>2</sub>

**Fire or Explosion Hazards:** None

**Special Fire Fighting Procedures:** Use SCBA and protective clothing  
Use full bunker gear where warranted

**NFPA**

**Health Hazard:** 1

**Flammability:** 0

**Reactivity:** 0

**Special Hazards:**

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**Steps to be taken if released or spilled:** Dike and absorb with inert material.

**Environmental Impact:** N/A

**Impact:** A spill or leak may result in a slippery floor.

**Secondary Hazards:**

**SECTION 7 - HANDLING AND STORAGE**

**Storage Precautions:** Keep from freezing

**Handling Precautions:** Keep lids tightly closed

**SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT****CONTROL MEASURES:**

**Personal Protective Equipment:** Normal

**Respiratory:**

**Eyes:** None

**Gloves:** Safety glasses with side shields

**Special Clothing:** Latex/Neoprene

**Other:** Long sleeved, full clothing  
None

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

**Specific Gravity:** (Water = 1) 1.10

**Density:** (lbs/gal) 9.17

**VOC (Lbs/Gal):**

**CAS #34590-94-9:** 0.36 lbs/gal

**CAS #111-76-2:** 0.35 lbs/gal

**PH @ Concentrate:** 12.7±0.5

**Boiling Point:** 212°F

**Vapor Density (Air=1):** >1

**Vapor Pressure @ \_\_\_\_\_:** None Determined

**F \_\_\_\_\_ mm Hg psi:**

**% Solid By Weight:** 8.1

**Evaporation Rate (Water=1):** >1

**Solubility in water:** 100%

**Viscosity:** <10 cps

**Appearance and Odor:** Orange color-butyl, soapy odor

**Material State:** Liquid

**SECTION 10 - STABILITY AND REACTIVITY**

**Stability:** Stable

**Hazardous Material Release/Normal Processes:** None

**Physical Stresses To Avoid:** None

**Incompatible Materials:** Strong acids, oxidizing agents

**Hazardous Decomposition Products:** None

**Hazardous Polymerization:** Will not occur

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**Health Effects - Hazardous Constituents:** Not available

**SECTION 12 - ECOLOGICAL INFORMATION**

**Environmental Effects:** N/A

**SECTION 13 - DISPOSAL MEASURES**

**Waste Disposal Method:** See Local, State and Federal Regulations

**SECTION 14 - TRANSPORTATION INFORMATION**

**DOT Proper Shipping Name:** Compounds, cleaning liquid

**Shipping classification:** None

**Hazard class:** None

**Identification No:** None

**Packing group:** None

**Label/Placard:** None

**SECTION 15 - REGULATORY INFORMATION**

EPCRA (SARA TITLE III) 302 EXTREMELY HAZARDOUS SUBSTANCE. CHEMICALS LISTED: NONE

EPCRA (SARA TITLE III) 311/312 CHEMICALS LISTED: NONE

**EPCRA (SARA TITLE III) 313 CHEMICALS SUBJECT TO REPORTING**

**ARE:** Ethylene Glycol n-butyl ether 3.8% by wt.

**CERCLA-requires notification to the National Response Center of release of quantities of Hazardous Substance equal to or greater than the reportable quantities in 40 CFR 302.4 CHEMICALS LISTED**

**ARE:** Potassium Hydroxide RQ 1000 lbs RQ to match or exceed 23,825 lbs

Sodium tripolyphosphate 5000 97,968 lbs

All ingredients of this product are listed on the TSCA Inventory

**RCRA HAZARDOUS WASTE NO. (40 CFR 261.33): NONE**

**SECTION 16 - OTHER INFORMATION**

**References:** EPA List of Lists

**Recommended Uses:** All purpose cleaner and degreaser