

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
CAS #: ETHER
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, CO₂

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