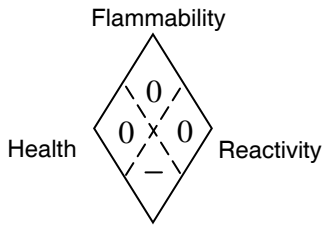


Approved: December 15, 2009

# NFPA



## MATERIAL SAFETY DATA SHEET\* (MSDS) International Products Corporation

# P-80®

## RUBBER LUBRICANT EMULSION Temporary Lubricating Agent

# HMIS

Health – 1  
 Flammability – 0  
 Physical Hazards – 0  
 Personal Protection – B

0 = Minimal Hazard  
 4 = Severe Hazard  
 B = Safety Glasses & Gloves

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME** ..... P-80® Rubber Lubricant Emulsion  
**CHEMICAL FAMILY** ..... Synthetic Esters/Water  
**CHEMICAL NAME** ..... Liquid Emulsion  
**ISSUE DATE OF MSDS** ..... December 15, 2009

#### MANUFACTURER:

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 Tel: 020 – 8857-5678  
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#### EMERGENCY TELEPHONES:

Transportation:  
 CHEMTREC  
 (800) 424-9300  
 (Calls within USA & Canada)

(703) 527-3887  
 (Calls from outside the USA)

Non-transportation:  
 Tel: (609) 386-8770  
 Fax: (609) 386-8438

### 4. FIRST AID MEASURES

**EYE CONTACT** ..... Immediately flush eyes with plenty of water. Get medical attention if irritation develops or persists.

**SKIN CONTACT** ..... Remove contaminated clothing. Wash skin with soap and water. Get medical attention if irritation develops or persists.

**INHALATION** ..... No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

**INGESTION** ..... No specific treatment is necessary since this material is unlikely to be hazardous by ingestion. Call physician if pain or discomfort develops.

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Contains a mixture of synthetic esters and water. Specific ingredients are withheld as trade secrets. Contains no hazardous ingredients in concentrations greater than 1%.

While this material is not considered hazardous under OSHA, WHMIS, or CHIPS, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of the product.

### 5. FIRE FIGHTING MEASURES

Nonflammable aqueous lubricant.

**FLASH POINT** ..... None.

**LFL** ..... Not applicable.

**UFL** ..... Not applicable.

**EXTINGUISHING MEDIA** ..... Use alcohol foam, carbon dioxide, or water spray to extinguish flames.

**FIRE FIGHTING INSTRUCTION** ..... As in any fire, wear self-contained breathing apparatus, pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear. Water runoff may cause environmental damage. Dike and collect water used to fight fire.

### 3. HAZARDS IDENTIFICATION

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#### EMERGENCY OVERVIEW

**White to light beige emulsion with a mild, non-offensive odor. Nonflammable water-based product. NFPA rating of zero. No immediate hazards associated with the product.**

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#### POTENTIAL HEALTH EFFECTS

**EYE CONTACT** ..... No hazard in normal industrial use.

**SKIN CONTACT** ..... No hazard in normal industrial use.

**INHALATION** ..... No hazard in normal industrial use.

**INGESTION** ..... No hazard in normal industrial use.

#### CARCINOGENICITY:

**NTP** ..... No ingredients are listed.

**IARC** ..... No ingredients are listed.

**OSHA** ..... No ingredients are listed.

**CHRONIC EFFECTS** ..... Not determined.

**TARGET ORGANS** ..... Not determined.

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#### POTENTIAL ENVIRONMENTAL EFFECTS

None known.

### 6. ACCIDENTAL RELEASE MEASURES

Clean up spills immediately, observing precautions in Section 8 Personal Protection. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container.

### 7. HANDLING AND STORAGE

**HANDLING** ..... Avoid contact with eyes, skin and clothing.

**STORAGE** ..... Store in a cool place in original container and protect from sunlight. Keep container closed when not in use to prevent bacteria contamination. Mix before use.

**SHELF LIFE** ..... One year from date of manufacture when stored in original sealed container at recommended storage temperature range.

#### STORAGE

**TEMPERATURE** ..... 2 – 30°C (36 – 86°F)

\*ANSI Z400.1-1998 format

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

**ENGINEERING CONTROLS** ..... No special ventilation requirements.

**RESPIRATORY PROTECTION** ..... For most situations, no respiratory protection should be needed.

**SKIN PROTECTION** ..... Wear nitrile or neoprene gloves.

**EYE PROTECTION** ..... Wear safety glasses with side shields (or goggles). Contact lenses should not be worn.

**GENERAL HYGIENE CONSIDERATIONS** ..... There are no known health hazards associated with this material when used as recommended. The following general hygiene considerations are recognized as common, good industrial hygiene practices:

- Wash hands after use and before eating.
- Avoid breathing vapors.
- Wear safety glasses and gloves.

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**EXPOSURE LIMITS** ..... Not established for product as whole.

Ingredients	CAS #	ACGIH
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None established for individual components.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE** ..... White to light beige emulsion.

**ODOR** ..... Mild, non-offensive odor.

**pH (neat)** ..... 8.9 (typical)

**BOILING POINT** ..... ca. 100°C (212°F)

**FREEZING POINT** ..... ca. 0°C (32°F)

**SOLUBILITY IN WATER** ..... Disperses

**SPECIFIC GRAVITY (water = 1)** ..... 1.00 @ 25°C

**VISCOSITY, 25°C (Brookfield #2 Spindle, 100 RPM)** ..... ca. 115 cps

## 10. STABILITY AND REACTIVITY

**STABILITY** ..... Stable emulsion.

**HAZARDOUS POLYMERIZATION** ..... Will not occur.

**INCOMPATIBILITIES** ..... Avoid contact with polycarbonate, acrylic, and polyphenylene ether (Noryl) as P-80 may cause these plastics to craze over time.

**DECOMPOSITION PRODUCTS** ..... Not determined.

## 11. TOXICOLOGICAL INFORMATION

Eye: Not an irritant per USA-FHSA criteria.  
Not an irritant per OECD Guideline No. 405.

Skin: Not an irritant per USA-FHSA criteria.  
Not an irritant per OECD Guideline No. 404.

Oral: LD<sub>50</sub> is greater than 5g/kg (rats).

## 12. ECOLOGICAL INFORMATION

Contains no CFCs, phosphates, silicates, borates, halogens, or phenols.

## 13. DISPOSAL CONSIDERATIONS

P-80® Rubber Lubricant Emulsion is not considered a hazardous waste under Federal Hazardous Waste Regulations 40 CFR 261. Please be advised, however, that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Consult state and local regulations regarding the proper disposal of this material.

(Note: Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate.)

## 14. TRANSPORTATION INFORMATION

### A. USA

**D.O.T. SHIPPING** ..... Not regulated.

**TECHNICAL SHIPPING NAME** ..... Rubber Lubricant Emulsion.

**D.O.T. LABEL** ..... None.

**D.O.T. PLACARD** ..... None.

**FREIGHT CLASS PACKAGE** ..... Class 65 — Rubber Lubricant.

**PRODUCT LABEL** ..... Rubber Lubricant Emulsion.

**B. CANADA: TDG** ..... Not regulated.

**C. ENGLAND: APPROVED CARRIAGE LIST** ..... Not regulated.

## 15. REGULATORY INFORMATION

### A. USA

**TSCA STATUS** ..... All ingredients are listed on the TSCA inventory.

**SARA TITLE III, 302/303 EHS** ..... None.

**SARA TITLE III, 304, HS** ..... None.

**SARA TITLE III, 313** ..... None.

### B. CANADA

**DSL** ..... All ingredients are listed on the Domestic Substance List.

**WHMIS Classification** ..... Not controlled.

### C. EC

**EINECS** ..... All ingredients are listed.

**RoHS Directive** ..... P-80® Emulsion does not contain any ingredients listed in 2002/95/EC.

**REACH Directive** ..... All ingredients comply with EC 1907/2006.

**D. CHIPS** ..... Not classified.

## 16. STATE REGULATORY INFORMATION

For details on specific requirements, you should contact the appropriate agency in your state.

## 17. OTHER INFORMATION

**PREPARED BY** ..... K. Wyrofsky,  
President

**APPROVED BY** ..... T. McGuckin,  
Vice President of Quality & Safety

**APPROVAL DATE** ..... December 15, 2009

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