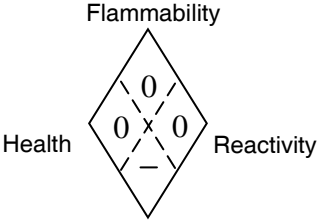


NFPA  0 = Minimal Hazard 4 = Severe Hazard	MATERIAL SAFETY DATA SHEET* (MSDS) International Products Corporation <h1 style="text-align: center;">P-80®</h1> <h2 style="text-align: center;">RUBBER LUBRICANT EMULSION</h2> <h3 style="text-align: center;">Temporary Lubricating Agent</h3>	HMIS Health – 1 Flammability – 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 April 17, 2012 MANUFACTURER: International Products Corporation 201 Connecticut Drive Burlington, NJ 08016 USA Tel: (609) 386-8770 Fax: (609) 386-8438 E-mail: mkt@ipcol.com UK BRANCH: Unit 5, Green Lane Bus. Park 238 Green Lane London, SE9 3TL, United Kingdom Tel: 020 – 8857-5678 Fax: 020 – 8857-1313 E-mail: saleseurope@ipcol.com 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. 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 * * * * * 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. * * * * * 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. * * * * * 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)	

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: <ul style="list-style-type: none">• 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)	8.5 (typical)
BOILING POINT	ca. 100°C (212°F)
FREEZING POINT	ca. 0°C (32°F)
SOLUBILITY IN WATER	Disperses
SPECIFIC GRAVITY (water = 1)	0.98 @ 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: LD₅₀ is greater than 5g/kg (rats).

12. ECOLOGICAL INFORMATION

Contains no CFCs, phosphates, silicates, borates, halogens, or phenols. According to suppliers' MSDS, all P-80 ingredients are biodegradable.

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, V.P. of Research, Quality & Safety
APPROVAL DATE	April 17, 2012

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