SECTION 1: Identification

1.1 Product identifier

   Trade name                      P-80® RediLube

1.2 Relevant identified uses of the substance or mixture and uses advised against

   Relevant identified uses          Professional use
                                      Lubricant

   Uses advised against             Do not use for private purposes (household).

1.3 Details of the supplier of the safety data sheet

   International Products Corporation
   201 Connecticut Drive
   Burlington, NJ
   08016
   United States
   https://www.ipcol.com/
   +1 6093868770

   e-mail (competent person)         tmcguckin@ipcol.com (Thomas P. McGuckin)

1.4 Emergency telephone number

   Emergency information service    1-609-386-8770
                                      This number is only available during the following office hours: Mon-Fri 08:00 AM - 04:30 PM, Eastern Time

SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture

   Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)
   This mixture does not meet the criteria for classification.

2.2 Label elements

   Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)
   - Signal word                     not required
   - Pictograms                      not required

2.3 Other hazards

   There is no additional information.

   Hazards not otherwise classified
   Contains . May produce an allergic reaction.
   Safety data sheet available on request.

   Results of PBT and vPvB assessment
   This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SECTION 3: Composition/information on ingredients

3.1 Substances
Not relevant (mixture)

3.2 Mixtures
Description of the mixture

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>Identifier</th>
<th>Wt%</th>
<th>Classification acc. to GHS</th>
<th>Pictograms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fatty acids, compds. with tri-ethanolamine</td>
<td>CAS No 2717-15-9</td>
<td>1 – &lt; 5</td>
<td>Skin Irrit. 2 / H315  Eye Irrit. 2 / H319</td>
<td>!</td>
</tr>
</tbody>
</table>

For full text of abbreviations: see SECTION 16.

SECTION 4: First-aid measures

4.1 Description of first-aid measures

General notes
Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation
If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact
Wash with plenty of soap and water.

Following ingestion
Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed
Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed
none

SECTION 5: Fire-fighting measures

5.1 Extinguishing media
Suitable extinguishing media
Water spray, BC-powder, Carbon dioxide (CO2)

Unsuitable extinguishing media
Water jet

5.2 Special hazards arising from the substance or mixture
Hazardous combustion products
Nitrogen oxides (NOx)
5.3 Advice for firefighters
Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
For non-emergency personnel
Remove persons to safety.

For emergency responders
Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

6.2 Environmental precautions
Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up
Advice on how to clean up a spill
Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: Sawdust, Kieselgur (diatomite), Sand, Universal binder

Appropriate containment techniques
Use of adsorbent materials.

6.4 Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Recommendations
- Measures to prevent fire as well as aerosol and dust generation
  Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene
Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities
- Specific designs for storage rooms or vessels
- Storage temperature
  Recommended storage temperature: 2 – 30 °C

7.3 Specific end use(s)
See section 16 for a general overview.
SECTION 8: Exposure controls/personal protection

8.1 Control parameters
This information is not available.

8.2 Exposure controls
Appropriate engineering controls
General ventilation.

Individual protection measures (personal protective equipment)
Eye/face protection
Wear eye/face protection.

Skin protection
- Hand protection
  Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Other protection measures
  Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection
In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls
Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Appearance</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
</tr>
<tr>
<td>Color</td>
<td>cloudy - white</td>
</tr>
<tr>
<td>Odor</td>
<td>characteristic</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other safety parameters</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>pH (value)</td>
<td>7.5 - 9.0</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>not determined</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>100 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>not determined</td>
</tr>
</tbody>
</table>
Evaporation rate: Not determined

Flammability (solid, gas): Not relevant, (fluid)

Explosive limits: Not determined

Vapor pressure: Not determined

Density: 0.998 g/ml at 25 °C

Vapor density: This information is not available

Solubility(ies): Not determined

Partition coefficient
- n-octanol/water (log KOW): This information is not available

Auto-ignition temperature: Not determined

Viscosity
- Kinematic viscosity: 40.08 mm²/s
- Dynamic viscosity: 10 – 40 cP at 25 °C

Explosive properties: None

Oxidizing properties: None

SECTION 10: Stability and reactivity

10.1 Reactivity
Concerning incompatibility: see below “Conditions to avoid” and “Incompatible materials”.

10.2 Chemical stability
The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3 Possibility of hazardous reactions
No known hazardous reactions.

10.4 Conditions to avoid
Do not mix with other chemicals.

10.5 Incompatible materials
Avoid extended contact with uncured paint, zinc, aluminum, cold rolled steel, or copper and its alloys. Avoid contact with polycarbonate, polymethyl methacrylate, and polyphenylene oxide as these plastics may craze over time. Refer to product’s compatibility sheets for further details.
10.6 **Hazardous decomposition products**
Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

### SECTION 11: Toxicological information

11.1 **Information on toxicological effects**

**Basis of test data.**

**Classification procedure**
The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

**Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)**
This mixture does not meet the criteria for classification.

- **Acute toxicity**
  Shall not be classified as acutely toxic.

- **Skin corrosion/irritation**
  Shall not be classified as corrosive/irritant to skin.

- **Serious eye damage/eye irritation**
  Shall not be classified as seriously damaging to the eye or eye irritant.

- **Respiratory or skin sensitization**
  Contains . May produce an allergic reaction.

- **Germ cell mutagenicity**
  Shall not be classified as germ cell mutagenic.

- **Carcinogenicity**
  Shall not be classified as carcinogenic.

- **Reproductive toxicity**
  Shall not be classified as a reproductive toxicant.

- **Specific target organ toxicity - single exposure**
  Shall not be classified as a specific target organ toxicant (single exposure).

- **Specific target organ toxicity - repeated exposure**
  Shall not be classified as a specific target organ toxicant (repeated exposure).

- **Aspiration hazard**
  Shall not be classified as presenting an aspiration hazard.
SECTION 12: Ecological information

12.1 **Toxicity**

Shall not be classified as hazardous to the aquatic environment.

12.2 **Persistence and degradability**

Data are not available.

12.3 **Bioaccumulative potential**

Data are not available.

12.4 **Mobility in soil**

Data are not available.

12.5 **Results of PBT and vPvB assessment**

Data are not available.

12.6 **Other adverse effects**

Endocrine disrupting potential

None of the ingredients are listed.

SECTION 13: Disposal considerations

13.1 **Waste treatment methods**

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1 **UN number**

not subject to transport regulations

14.2 **UN proper shipping name**

not assigned

14.3 **Transport hazard class(es)**

not assigned

14.4 **Packing group**

not assigned

14.5 **Environmental hazards**

non-environmentally hazardous acc. to the dangerous goods regulations

14.6 **Special precautions for user**

There is no additional information.
**SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations specific for the product in question

**National regulations (United States)**

**Toxic Substance Control Act (TSCA)**
- all ingredients are listed

**Superfund Amendment and Reauthorization Act (SARA TITLE III)**
- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)
  - None of the ingredients are listed.
- Specific Toxic Chemical Listings (EPCRA Section 313)
  - None of the ingredients are listed

**Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)**
- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)
  - None of the ingredients are listed.

**Clean Air Act**
- None of the ingredients are listed.

**New Jersey Worker and Community Right to Know Act**
- none of the ingredients are listed.

**California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987**
- Not applicable.

**Industry or sector specific available guidance(s)**

**NPCA-HMIS® III**

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chronic</td>
<td>/</td>
<td>none</td>
</tr>
<tr>
<td>Health</td>
<td>0</td>
<td>no significant risk to health</td>
</tr>
<tr>
<td>Flammability</td>
<td>0</td>
<td>material that will not burn under typical fire conditions</td>
</tr>
<tr>
<td>Physical hazard</td>
<td>0</td>
<td>material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive</td>
</tr>
<tr>
<td>Personal protection</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

**NFPA® 704**
### Category

<table>
<thead>
<tr>
<th>Category</th>
<th>Degree of hazard</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>0</td>
<td>material that will not burn under typical fire conditions</td>
</tr>
<tr>
<td>Health</td>
<td>0</td>
<td>material that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material</td>
</tr>
<tr>
<td>Instability</td>
<td>0</td>
<td>material that is normally stable, even under fire conditions</td>
</tr>
<tr>
<td>Special hazard</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### National inventories

<table>
<thead>
<tr>
<th>Country</th>
<th>Inventory</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU</td>
<td>REACH Reg.</td>
<td>not all ingredients are listed</td>
</tr>
<tr>
<td>US</td>
<td>TSCA</td>
<td>all ingredients are listed</td>
</tr>
</tbody>
</table>

**Legend**

- REACH Reg.: REACH registered substances
- TSCA: Toxic Substance Control Act

### 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information, including date of preparation or last revision

**Key literature references and sources for data**


**Classification procedure**

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

**List of relevant phrases (code and full text as stated in chapter 2 and 3)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>H315</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation.</td>
</tr>
</tbody>
</table>