Product Name
Moly-Rich™

Product Codes
71431

Chemical Family
Organic

Use
Lubricant

Manufacturer’s Name
The RectorSeal Corporation
2601 Spenwick Drive
Houston, Texas 77055 USA

Date of Validation
January 23, 2015

Date of Preparation
November 7, 2012

HMIS Codes
Health 1
Flammability 1
Reactivity 0
PPI B

Emergency Telephone No.
Chemtrec 24 Hours
(800)-424-9300 USA
(703)-527-3887 International

Technical Service Telephone No.
(800)-231-3345 or (713)-263-8001

GHS CLASSIFICATION

Physical Hazards:
None

Health Hazards

Acute Toxicity:
Oral: Not Classified
Dermal: Not Classified
Inhalation: Not Classified

Skin Corrosion/Irritation: Not Classified
Serious Eye Damage/Eye Irritation: Not Classified
Respiratory or Skin Sensitization: Not Classified
Germ Cell Mutagenicity: Not Classified
Carcinogenicity: Not Classified
Reproductive Toxicology: Not Classified
Target Organ Systemic Toxicity - Single Exposure: Not Classified  
Target Organ Systemic Toxicity - Repeated Exposure: Not Classified  
Aspiration Toxicity: Not Classified  

**ENVIRONMENTAL HAZARDS**  
Hazardous to the Aquatic Environment: Not Classified  
Acute aquatic toxicity: Not Classified  
Chronic aquatic toxicity: Not Classified  
Bioaccumulation potential: Not Classified  
Rapid degradability: Not Classified  

**GHS Label elements, including precautionary statements**  
Pictogram: None  
Signal Word: None  
Hazard Statements: None  
Precautionary Statements:  
P102 - Keep out of reach of children.  
P264 - Wash hands thoroughly after handling.  

**Summary Of Acute Hazards**  
Repeated contact may cause skin irritation.  

**Route Of Exposure, Signs And Symptoms**  

**INHALATION**  
None  

**EYE CONTACT**  
Irritation, blurred vision.  

**SKIN CONTACT**  
Irritation, dermatitis, defatting.  

**INGESTION**  
Gastro-intestinal irritation, nausea, vomiting and diarrhea.  

**SUMMARY OF CHRONIC HAZARDS**  
Prolonged skin contact may result in irritation and absorption.  

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**  
None known.  

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**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**  

**Ingredient:** Petroleum Oil  
Percentage By Weight: 50-70  
CAS Number: 64741-96-4  
EC#: 265-097-6
SECTION 4 – FIRST AID MEASURES

If inhaled: If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.

If on skin: Immediately flush with large amounts of water; use soap if available. Remove contaminated clothing.

If in eyes: Immediately flush with large amounts of water.

If swallowed: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media
Foam, dry chemical, carbon dioxide (CO₂), or water fog.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus (SCBA) and other protective clothing. Hazardous decomposition products possible (see Section 10).

Unusual Fire And Explosion Hazards: None known.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled: Use absorbent materials to prevent footing hazard and to contain. Avoid flushing into sewers, drains, waterways, and soil. Wear protective clothing during cleanup.

SECTION 7 – HANDLING AND STORAGE

Precautions To Be Taken In Handling And Storing: Keep away from heat, sparks and open flames.

Other Precautions: Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues and vapors; treat as if full and observe all product precautions. Do not reuse empty containers.

KEEP OUT OF REACH OF CHILDREN.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Oil</td>
<td></td>
</tr>
<tr>
<td>ACGIH TLV:</td>
<td>5 mg/m³</td>
</tr>
<tr>
<td>OSHA PEL:</td>
<td>5 mg/m³</td>
</tr>
</tbody>
</table>

Respiratory Protection (Specify Type): None required.

Ventilation – Local Exhaust: Acceptable

Special: N/A
Mechanical (General): Preferable
Other: N/A

Protective Gloves: Wear rubber gloves.
Eye Protection: Chemical splash goggles (ANSI Z-87.1 or equivalent)
Other Protective Clothing Or Equipment: Coveralls recommended.

Work/Hygienic Practices: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling point</td>
<td>624°F (329°C) @ 760mm Hg</td>
</tr>
<tr>
<td>Specific gravity (H₂O = 1)</td>
<td>1.20</td>
</tr>
<tr>
<td>Vapor pressure (mmHg)</td>
<td>0.01 @ 68°F (20°C)</td>
</tr>
<tr>
<td>Melting point</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density (Air = 1)</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>Evaporation rate (Ethyl Acetate = 1)</td>
<td>&gt; 1</td>
</tr>
<tr>
<td>Appearance/Odor</td>
<td>Gray/Petroleum odor</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Volatile Organic Compounds (VOC) Content (theoretical percentage by weight)</td>
<td>0% or 0 g/L</td>
</tr>
<tr>
<td>Flash point</td>
<td>466°F (241°C) SETA CC</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>N/D</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>N/D</td>
</tr>
</tbody>
</table>

### SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable
Conditions To Avoid: Heat, sparks, open flames.
Incompatibility (Materials To Avoid): Oxidizers, acids and bases.
Hazardous Decomposition Products: CO, CO₂, and fragmented hydrocarbons.
Hazardous Polymerization: Will not occur.
SECTION 11 – TOXICOLOGY INFORMATION

Toxicology Data
Ingredient Name:

Petroleum Oil
Oral-Rat LD50: N/D
Inhalation-Rat LC50: N/D

SECTION 12 – ECOLOGICAL INFORMATION

Ecological Data
Ingredient Name: Petroleum Oil

Food Chain Concentration Potential N/D
Waterfowl Toxicity N/D
BOD N/D
Aquatic Toxicity N/D

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Classification: Non-regulated waste oil. Dispose of in accordance with all local, state and federal regulations.
Disposal Method: Used oil recycler

SECTION 14 – TRANSPORTATION INFORMATION

DOT: Non-regulated
Ocean (IMDG): Non-regulated
Air (IATA): Non-regulated
WHMIS (Canada): Non-regulated
Section 15 – Regulatory Information

Regulatory Data

Ingredient Name: Petroleum Oil
SARA 313 No
TSCA Inventory Yes
CERCLA RQ N/A
RCRA Code N/A

Section 16 – Other Information

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, expressed or implied is made.

Consult RectorSeal for further information: (713) 263-8001