

# Safety Data Sheet

Soluble Oil RP 1

## SECTION I - IDENTIFICATION



Rock Valley Oil & Chemical  
1911 Windsor Road  
Rockford, IL 61111  
(815) 654-2400  
(800)535-5053 Outside US: :..... (352) 323-3500

|                        |                     |
|------------------------|---------------------|
| <b>Product Number</b>  | SORP1               |
| <b>Product Name</b>    | Soluble Oil RP 1    |
| <b>Chemical Family</b> | Rust Preventive     |
| <b>CAS Number</b>      | Mixture             |
| <b>Date Prepared</b>   | 1/25/2016           |
| <b>Revision Number</b> | 1/25/2016           |
| <b>Recommended Use</b> | Industrial Use Only |

## SECTION II - HAZARDOUS IDENTIFICATION

### GHS CLASSIFICATION:

#### Classification

Not a Hazardous Substance or Mixture

No Hazards

### GHS LABEL:

#### Hazard Statements

NC Not a Hazardous Substance or Mixture

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### Precautionary Statements

NC Not a Hazardous Substance or Mixture

### SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

| Component Name                               | CAS #      | Component% | OSHA PEL                       | ACGIH TLV                      |
|--|------------|------------|--------------------------------|--------------------------------|
| Distillates (Petroleum), Hydrotreated Middle | 64742-46-7 | 60 - 100   | 5 mg/m <sup>3</sup> (Oil Mist) | 5 mg/m <sup>3</sup> (Oil Mist) |

### SECTION IV - FIRST AID MEASURES

**Contact with eyes:** Flush with water for 15 minutes. Seek medical attention if irritation persists.

**Skin contact:** Wash exposed areas with water and mild soap. Remove contaminated clothing and launder before reuse. If irritations persist, seek immediate medical attention.

**Inhalation:** Remove victim to fresh air. Administer oxygen or artificial respiration if breathing is affected or stopped. Seek immediate medical attention.

**Ingestion:** If swallowed. Do not induce vomiting. Seek immediate medical attention.

### SECTION V - FIREFIGHTING MEASURES

**Suitable Extinguishing Media:** Water fog, foam, CO<sub>2</sub>, dry chemical.

**Special Fire Fighting Procedures** Use self-contained breathing apparatus and full bunker gear in fire areas. Evacuate all unprotected personnel from area. Keep containers cool with water fog to minimize swelling taking care not to spread flames with water used for cooling.

**Unusual Fire Fighting Hazards:** No unusual fire hazards known. Combustible liquid.

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### SECTION VI - ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Keep all sources of ignition and hot metal surfaces away from spill or release.

**Environmental Precautions:** Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers or waterways. Notify proper authorities.

**Methods for Cleaning Up:** Using only non-sparking tools and explosion proof equipment, collect spill on absorbent material and put into approved container.

### SECTION VII - HANDLING AND STORAGE

**Handling and Storage:**

- NFPA Class III B storage.
- Do Not cut or weld on empty or full drums.

### SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

#### EXPOSURE LIMITS:

| Component Name                               | CAS #      | OSHA PEL                       | ACGIH TLV                      |
|--|------------|--------------------------------|--------------------------------|
| Distillates (Petroleum), Hydrotreated Middle | 64742-46-7 | 5 mg/m <sup>3</sup> (Oil Mist) | 5 mg/m <sup>3</sup> (Oil Mist) |

**Engineering Controls:** Adequate local or mechanical to reduce vapor or mist to below the PEL or TLV.

**Monitoring:** Follow accepted work and hygiene practices for handling combustible product.

#### Personal Protective Equipment (PPE)

**Eye Protection:** Goggles or approved OSHA device with side shields; do not wear contact lenses when handling this product.

**Skin Protection:** Impervious solvent resistant gloves. Impervious apron and work boots recommend where splashing may occur.

**Respiratory Protection:** Use the proper respirator in areas where the chemical exposure is above the OSHA PEL or ACGIH TLV.

### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

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|                                  |                  |
|----------------------------------|------------------|
| <b>Appearance</b>                | Amber Liquid     |
| <b>Odor</b>                      | Mild Petroleum   |
| <b>pH@25°C</b>                   | 8.81 at 10%      |
| <b>Melting/Freezing Point</b>    | N/A              |
| <b>Flashpoint</b>                | 340°F COC        |
| <b>Specific Gravity</b>          | 0.9147           |
| <b>Solubility</b>                | Soluble          |
| <b>Auto-Ignition Temperature</b> | N/Av             |
| <b>Decomposition Temperature</b> | N/Av             |
| <b>VOC Content</b>               | N/Av             |
| <b>Odor Threshold</b>            | N/Av             |
| <b>Boiling Range</b>             | 212 - 545°F      |
| <b>Evaporation Point</b>         | N/Av             |
| <b>Flammable Limits - Upper</b>  | None Established |
| <b>Flammable Limits - Lower</b>  | None Established |
| <b>Vapor Pressure</b>            | N/A              |
| <b>Vapor Density (Air=1)</b>     | N/A              |
| <b>Viscosity</b>                 | 25 cSt @ 40 C    |

#### SECTION X - STABILITY AND REACTIVITY

**Stability:** Stable

**Conditions to Avoid:** None

**Hazardous Decomposition/Byproducts:** CO and CO<sub>2</sub>

**Hazardous Polymerization:** Will not occur.

**Polymerization Conditions to Avoid:** None

**Incompatibilities:** Strong oxidizers

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### SECTION XI - TOXICOLOGICAL INFORMATION

**Likely Route of Exposure:** Contact and inhalation; ingestion possible.

**Inhalation:** Low to moderate degree of toxicity by inhalation.

**Eye Contact:** May cause eye irritation including stinging, watering and redness which may result in corneal injury.

**Skin Contact:** Contact may cause mild skin irritation including redness, burning and drying/cracking of the skin.

**Ingestion:** Aspiration hazard. Can enter the lungs during swallowing or vomiting and cause chemical pneumonia and edema.

**Toxicity:**

| Component Name                                  | LD50  | LC50            |
|---|---|-----------------|
| Distillates (Petroleum),<br>Hydrotreated Middle | Oral - rat - > 5000 mg/kg ;<br>Dermal - rabbit - > 2000 mg/kg | Not Established |

| Reproductive Effects | Teratogenicity | Mutagenicity   | Embryotoxicity | Sensitization to Product | Synergistic Products |
|----------------------|----------------|----------------|----------------|--------------------------|----------------------|
| Not Applicable       | Not Applicable | Not Applicable | Not Applicable | Not Applicable           | Not Applicable       |

### SECTION XII - ECOLOGICAL INFORMATION

**Ecotoxicity:** Information not available.

**Mobility:** Information not available.

**Degradability:** Information not available.

**BioAccumulation:** Information not available.

### SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Follow Federal, state, and local regulations.

### SECTION XIV - TRANSPORT INFORMATION

#### DOT SHIPPING INFORMATION

**Proper Shipping Name:** Not Regulated

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**Contains:**

**Hazard Class and Label:**

**Identification Number:**

**Packaging Group:**

**Other Shipping Info:**

**SECTION XV - REGULATORY INFORMATION**

**TSCA STATUS:**..... The components of this product are listed on the TSCA Inventory

**SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:**

No chemicals in this material are subject to the reporting requirements.

**SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:**

| Acute | Chronic | Fire | Pressure | Reactive |
|-------|---------|------|----------|----------|
|       |         |      |          |          |

**SARA TITLE III SECTION 313 SUPPLIER INFORMATION:**

No chemicals in this material are subject to the reporting requirements.

**CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:**

No chemicals in this material are subject to the reporting requirements.

**CALIFORNIA PROPOSITION 65:**

No chemicals in this material are subject to the reporting requirements.

**SECTION XVI - OTHER INFORMATION**

**HMIS Health:** ..... 1

**HMIS Flammability:** ..... 1

**HMIS Reactivity:** ..... 0

**Additional:**