# RADCOLUBE® 800 TRI-ESTER BASED COMPRESSOR LUBRICANT

## MATERIAL DATA SAFETY SHEET

**Radco Industries, Inc.**
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LaFox Illinois 60147 USA
ISO 9001:2000 Certification Number: C2009-00209

**CAGE# 1RVC4**
**www.Radcolube.com**
**Effective Date: 06/01/2010**

**Emergency Phone Numbers:** For chemical emergency, spill, leak, fire exposure, accident or medical emergency, call CHEMTREC: North America 1-800-424-9300 International +1 703-527-3887

## Section I PRODUCT IDENTIFICATION

**Product Name: RADCOLUBE® 800 TRI-ESTER BASED COMPRESSOR LUBRICANT**

**NSN'S:** 9150-01-537-8993, 9150-01-490-5505

## Section II COMPONENTS

CHEMICAL FAMILY: ESTER

## Section III HAZARDS IDENTIFICATION

OHSA Regulatory Status: This material is not considered hazardous by the OHSA Hazard Communication Standard (29 CFR 1910.1200)

POTENTIAL HEALTH EFFECTS:

Principal Routes of Exposure: Skin contact, Eye contact

Acute Toxicity: Eyes, Skin, Inhalations, Ingestion: No known significant effects or critical hazards

Chronic Effects: No known effects

Aggravated Medical Conditions: None known

Interactions w/ other chemicals: None known

Environmental Hazard: No information

## Section IV FIRST AID MEASURES

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|---|---|
| Eye Contact: | Rinse thoroughly with plenty of water for at least 15 Minutes and consult a physician if irritation persists. |
| Skin Contact: | Wash off with plenty of water. In case of skin irritation or allergic reactions see a physician. |
| Inhalation: | If inhaled remove to fresh air and keep at rest in a position comfortable for breathing. Consult a physician. |

## Section V FIRE FIGHTING MEASURES / FIRE DATA

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|---|---|
| Flash Point: | 243°C/ 470°F |
| Auto-ignition Temp: | 390°C/ 735°F |
| Extinguishing Media: | Dry Chemical, $CO_2$ foam, water spray |
| Fire Fighting Equipment: | Self-contained breathing apparatus pressure-demand. MSHA/NOISH (approved or equivalent) & full protective gear. |
| Special Fire Fighting Procedure: | Use water to cool fire-exposed containers to prevent pressure build up. |

NFPA:

Health: 1 Flammability: 1 Stability: 0

## Section VI ACCIDENTAL RELEASE MEASURES

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|---|---|
| Personal Precautions: | Evacuate personnel to safe areas. Use personal protective equipment. |
| Containment: | Dike for disposal and cover with wet sand or earth. |
| Clean Up: | Prevent product from entering drains. Use non-combustible material like vermiculite, sand or earth to soak up product and place in a container for later disposal. |

## Section VII HANDLING AND STORAGE

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|---|---|
| Handling: | Handle in accordance with good industrial hygiene and safety practice. |
| Storage: | Keep containers tightly closed in a cool, well-ventilated place. |

## Section VIII EXPOSURE CONTROLS/PERSONAL PROTECTION

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|---|---|
| Engineering Measures: | None under normal conditions. |
| Personal Protective Equipment: | Eye/Face Protection: Safety glasses with side shields.<br>Skin& Body: Wear protective gloves/clothing<br>Respiratory: No special protective equipment. |

## Section IX CHEMICAL AND PHYSICAL PROPERTIES

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|---|---|
| Appearance: | Amber |
| Odor: | Mild |
| Physical State: | Liquid |
| Flash Point: | 260°C/ 500°F |
| Specific Gravity: | 0.970 |
| Viscosity @ 40°C: | 145.9cSt |

## Section X STABILITY AND REACTIVITY

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|---|---|
| Stability: | Stable. Will not react with water. |
| Materials to Avoid: | Avoid strong oxidizers |
| Hazardous Decomposition Products: | Carbon monoxide, carbon dioxide |

## Section XI TOXICOLOGICAL INFORMATION

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|---|---|
| Acute Toxicity: | Product is safe for intended use based on formulation, testing results and the long history of safe consumer use. |
| Carcinogenicity: | N/A |

## Section XII ECOLOGICAL INFORMATION

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|---|---|
| Ecotoxicity: | The environmental impact of this product has not been fully investigated. However, at the concentration present, this preparation is not expected to present significant adverse effects. |

## Section XIII DISPOSAL INFORMATION

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|---|---|
| Waste Disposal Method: | Dispose of contents/container in accordance with local regulations. This product does not contain substances that are listed with the State of California as hazardous waste. |

## Section XIV TRANSPORTATION INFORMATION

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|---|---|
| DOT: | Not regulated |
| IATA: | Not regulated |
| IMDG/IMO: | Not regulated |

## Section XV REGULATORY INFORMATION

International Inventories:

| | | |
|---|---|---|
| TSCA: Listed | DSL: Listed | ENCS: Listed |
| EINECS/ELINCS: Listed | IECSC:Listed | KECL: Listed |
| PICCS: Listed | AICS: Listed | |

U.S. Federal Regulations

**SARA 313:** Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1985 (SARA). This product
does not contain any chemicals which are subject to the reporting of the Act and Title 40 of the Code of Federal
Regulations, Part 372.

**SARA 311/312 Hazard Categories:** None

**Clean Water Act:** This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act
(40 CFR 122.21 and 40 CFR 122.42).

**Clean Air Act, Section 112, Hazardous Air Pollutants (HAPs):** This product contains no substances which are listed
hazardous air pollutants (HAPs) under Section 112 of the Clean Air Act.

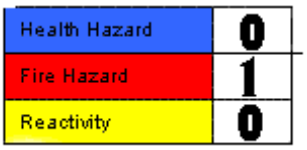
**U.S. State Regulations/ International Regulations**

**Mexico – Grade:** No information available

## Section XVI OTHER INFORMATION

**NFPA**

**HMIS**




**PPE**

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