

MATERIAL SAFETY DATA SHEET

BIRCHWOOD CASEY®  
RIG® + P STAINLESS STEEL LUBE

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DATE REVISED: 6/1/10  
REVISION MSDS NO. 1

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: RIG® + P STAINLESS STEEL LUBE

PRODUCT PART NUMBERS: 40051, RSL

MANUFACTURED BY: BIRCHWOOD LABORATORIES, INCORPORATED

7900 Fuller Road

Eden Prairie, MN 55344 USA

Product Information Telephone Number: (952) 937-7900 (8:00-4:00pm CST)

Fax Number: (952) 937-7979

[www.birchwoodcasey.com](http://www.birchwoodcasey.com)

24 HOUR TRANSPORTATION EMERGENCY NUMBER: CHEMTREC 800-424-9300 U.S. & CANADA  
703-527-3887 INTERNATIONAL (Collect)

24 HOUR POISON CONTROL EMERGENCY NUMBER: 866-291-7152 U.S. & CANADA

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: May be irritating to the skin, eyes.

APPEARANCE/ODOR: Amber soft grease. Petroleum odor.

EYE CONTACT: May cause irritation.

SKIN CONTACT: May cause slight irritation with brief contact.

INGESTION: May cause abdominal discomfort, nausea and diarrhea.

INHALATION: No data available. However, inhalation is not an expected route of exposure.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Description	CAS #	Weight %	OSHA PEL* TWA	OSHA PEL STEL/C	ACGIH TLV TWA	ACGIH TLV STEL/C
Petrolatum	8009-03-8	66	5 mg/m <sup>3</sup>	NE	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Sodium Alkyl Aryl Sulfonate	68411-30-3	14	NE	NE	NE	NE
Solvent Refined, Hydrotreated Middle Distillate	64742-46-7	7	5 mg/m <sup>3</sup>	NE	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Hydrotreated Light Naphthentic Distillate	64742-53-6	7	5 mg/m <sup>3</sup>	NE	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Oxygenated Hydrocarbon	68603-13-4	6	NE	NE	NE	NE

TWA – Time-weighted Average STEL – Short-term exposure limit C – Ceiling (skin) – skin designation means that harmful amounts may be absorbed through the skin

\* Certain States enforce PELs that were in place in 1989, but were later removed by the U.S. Supreme Court. Check with your State OSHA to determine which PEL is enforced in your State.

NE = not established

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#### **4. FIRST AID MEASURES**

**EYE CONTACT:** Flush immediately with clean water. Continue for at least 15 minutes. Seek medical attention if necessary.

**SKIN CONTACT:** Remove contaminated clothing to avoid prolonged contact. Wash affected areas with water. Seek medical attention if irritation develops.

**INGESTION:** Do not induce vomiting; however, if swallowed and symptoms develop, seek medical attention.

**INHALATION:** Not applicable.

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#### **5. FIRE FIGHTING MEASURES**

##### **FLAMMABLE PROPERTIES**

**FLASHPOINT:** 450 °F                      **METHOD USED:** C.O.C.

**FLAMMABLE LIMITS:** LFL: NDA              UFL: NDA

**EXTINGUISHING MEDIA:** Foam, dry chemical, carbon dioxide, water spray or any Class B extinguishing agent. Water may be unsuitable as an extinguishing medium, but helpful in keeping adjacent containers cool.

**FIRE & EXPLOSION HAZARDS:** This material may burn, but will not ignite readily.

**SPECIAL FIRE FIGHTING PROCEDURES:** Firefighters should wear approved SCBA and full turn-out gear.

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#### **6. ACCIDENTAL RELEASE MEASURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Wear recommended protective equipment. Absorb spill with an absorbent material such as sawdust, vermiculite or sand and place material into a closed container. Prevent material from entering water systems or sewers.

Review current local, state and federal laws, codes, statutes, and regulations to determine appropriate agencies to be notified, and the conditions under which they are to be notified. (See Section 13 for waste disposal comments).

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#### **7. HANDLING AND STORAGE**

**HANDLING:** Wear protective equipment when handling product. Keep out of the reach of children.

**STORAGE:** Do not store where temperature may exceed 120°F

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#### **8. EXPOSURE CONTROL / PERSONAL PROTECTION**

**RESPIRATORY PROTECTION:** Use a NIOSH approved respirator (Full or half-face organic vapor/P95 cartridge type) if any of the occupational exposure limits in Section 3 may be exceeded.

**EYE PROTECTION:** safety glasses with side shields, or goggles

**PROTECTIVE GLOVES / BODY PROTECTION:** polyvinyl alcohol (PVA) or natural rubber

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**VENTILATION:** Use general/dilution or local exhaust ventilation as needed to ensure that occupational exposure limits are not exceeded. Do not use in enclosed spaces.

**OTHER PROTECTIVE EQUIPMENT:** Eyewash

**NOTE:** All PPE should be selected on the basis of an exposure assessment performed by a competent person.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT: NDA	SPECIFIC GRAVITY: (Water = 1): 0.9
VAPOR PRESSURE: NDA	VOLATILE BY VOLUME: < 1%
VAPOR DENSITY: NDA	EVAPORATION RATE: NDA
SOLUBILITY IN WATER: Nil	pH: NDA
APPEARANCE: Amber soft grease	ODOR: Petroleum odor

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**10. STABILITY AND REACTIVITY**

STABILITY: Stable.

CONDITIONS TO AVOID: Avoid all possible sources of ignition.

INCOMPATIBILITY (materials to avoid): Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce carbon monoxide and carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

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**11. TOXICOLOGICAL INFORMATION**

There is no product based toxicological information for this product. Toxicology information is provided for ingredients.

Oral LD<sub>50</sub>: >5 g/kg (rat)

Carcinogenicity: IARC: None NTP: None OSHA: None

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**12. ECOLOGICAL INFORMATION**

ECOTOXICITY: NDA

ENVIRONMENTAL FATE: NDA

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**13. DISPOSAL CONSIDERATIONS**

If discarded, this material and containers should be treated as hazardous wastes based on the characteristic of ignitability as defined under federal RCRA regulations (40 CFR 261). Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations. Contact the appropriate agency for specific information. Treatment, transport, storage and disposal of hazardous waste must be dealt with by a licensed facility or waste hauler.

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**14. TRANSPORT INFORMATION**

**D.O.T. HAZARDOUS MATERIALS DESCRIPTION AND PROPER SHIPPING NAME:**

Not regulated.

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## 15. REGULATORY INFORMATION

TSCA (TOXIC SUBSTANCES CONTROL ACT): the materials in this product are listed on the TSCA Inventory.

CERCLA (Comprehensive Response compensation and Liability Act, 40 CFR 117, 302: Reportable Quantities: NDA

SARA TITLE III (Superfund Amendments and Authorization Act):

Section 311/312:

Immediate Health Effects: Yes

Delayed Health Effects: Yes

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactivity Hazard: No

Section 313 Reportable Ingredients: None

STATE "RIGHT-TO-KNOW": This product may contain components cited on certain state lists. Consult with your individual State regarding this product's components.

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## 16. OTHER INFORMATION

National Fire Protection Association (NFPA): Health: 1 Flammability: 1 Reactivity: 0

The data here is for hazard communication to our employees, our customers and their employees, and authorized regulatory agencies. For the intended purpose, this MSDS (Material Safety data Sheet) may be duplicated or the data transcribed to an alternative form.

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### **FOR ASSISTANCE WITH PLACING ORDERS:**

- Product Pricing / Payment Terms
- Shipping and Tracing of Shipments
- Sales Rep Locations

Call our Sales Department (952) 937-7933

Or 1-800-328-6156 or Fax (952) 937-7979

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### **FOR PRODUCT USAGE ASSISTANCE**

- Questions on Operation of Products
- Solving Finishing Problems
- Operator Safety and Pollution Control

Call our Customer Service Desk (952) 937-7916

Or 1-800-328-6156 or Fax (952) 937-7979