

MATERIAL SAFETY DATA SHEET

BIRCHWOOD CASEY®
RIG® UNIVERSAL GREASE

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

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: RIG® UNIVERSAL GREASE
PRODUCT PART NUMBERS: 40020, 40027, 40045, RUG, RUG3, RUG12
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)
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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: Yellow 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	71	5 mg/m ³	NE	5 mg/m ³	10 mg/m ³
Sodium Alkyl Aryl Sulfonate	Proprietary	14	NE	NE	NE	NE
Solvent Refined, Hydrotreated Middle Distillate	64742-46-7	8	5 mg/m ³	NE	5 mg/m ³	10 mg/m ³
Hydrotreated Light Napthentic Distillate	64742-53-6	7	5 mg/m ³	NE	5 mg/m ³	10 mg/m ³

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

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: Yellow soft grease	ODOR: Petroleum odor

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, metallic oxides and carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

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

Oral LD₅₀: >5 g/kg (rat)

Carcinogenicity: IARC: None NTP: None OSHA: None

12. ECOLOGICAL INFORMATION

ECOTOXICITY: NDA

ENVIRONMENTAL FATE: NDA

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.

14. TRANSPORT INFORMATION

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

Not regulated.

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.

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.

NOTE: The information contained herein is provided in good faith and is believed to be correct as of the date hereof.

However, Birchwood Laboratories, Inc. makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular period.

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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

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