

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200.

**GOODSON**

Tools and Supplies for Engine Builders  
Airport Industrial Park • P.O. Box 847 • Winona, MN 55987-0847  
Toll-Free 1-800-533-8010 • Local 507-452-1830 • www.goodson.com

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## 1. CHEMICAL PRODUCT IDENTIFICATION

**Part No.:** BW-303-G, BW-303A-G, BW-305-G

**Description:** Reaming Oil (pint, quart, gallon)

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Components Material</u>	<u>CAS #</u>	<u>%</u>
Base oils		>85
Proprietary additives		<15

*If oil mist is generated, exposure limits apply.*

## 3. HAZARDS IDENTIFICATION

### POTENTIAL HEALTH EFFECTS

**Primary Route of Entry:** Skin

The product, as with many petroleum products, may cause minor skin, eye, and lung irritation, but good hygienic practices can minimize these effects. Normal use of this product does not result in generation of an oil mist. However, if an oil mist is generated, overexposure can cause minor and reversible irritation to the eyes, skin and especially the lungs. Proper personal protective equipment and sufficient ventilation can provide adequate protection.

**Carcinogenicity Information:** None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

## 4. FIRST AID MEASURES

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Call a physician.

**Skin Contact:** Wash skin thoroughly with soap and water. If irritation develops and persists, consult a physician.

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

**Ingestion:** Material poses an aspiration hazard. If swallowed, do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration.

**Notes to Physician:** Activated charcoal mixture may be administered. To prepare activated charcoal mixture, suspend 50 grams activated charcoal in 400 mL water and mix thoroughly. Administer 5 mL/kg, or 350 mL for an average adult.

## 5. FIRE FIGHTING MEASURES

### FLAMMABLE PROPERTIES

**Flash Point:** 188°C (370°F) **Method:** COC

Flash points given above are typical values.

**NFPA Classification:** Class IIIB Combustible Liquid

**Extinguishing Media:** Water spray, Foam, Dry chemical, CO2

**Fire Fighting Instructions:** Water or foam may cause frothing. Use water to keep fire-exposed containers cool. Water may be used to flush spills away from exposures. Products of combustion may contain carbon monoxide, carbon dioxide, and other toxic materials. Do not enter enclosed or confined space without proper protective equipment including respiratory protection.

## 6. ACCIDENTAL RELEASE MEASURES

**Safeguards (Personnel):** NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Remove source of heat, sparks and flame.

**Initial Containment:** Dike spill. Prevent material from entering sewers, waterways or low areas.

**Spill Clean-up:** Recover free liquid for reuse or reclamation. Soak up with sawdust, sand, oil dry or other absorbent material.

## 7. HANDLING AND STORAGE

**Handling (Personnel):** Avoid breathing vapors or mist. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling. Wash contaminated clothing prior to reuse.

**Handling (Physical Aspects):** Close container after each use. Do not pressurize, cut, weld, braze, solder, grind or drill on or near full or empty container. Empty container retains residue (liquid and/or vapor) and may explode in heat of a fire.

**Storage:** Store in accordance with National Fire Protection Association recommendations. Store in a cool, dry place. Store away from heat, sparks and flame, oxidizers. Close container after each use.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Controls:** Normal shop ventilation.

### PERSONAL PROTECTIVE EQUIPMENT

**Respiratory Protection:** None normally required except in emergencies or when conditions cause excessive airborne levels of mists or vapors. Select appropriate NIOSH-approved respiratory protective equipment when exposed to sprays or mists. Proper respirator selection should be determined by adequately trained personnel and based on the contaminant(s), the degree of potential exposure and published respirator protection factors.

**Protective Gloves:** Should be worn when the potential exists for prolonged or repeated skin contact. NBR or neoprene recommended.

**Eye Protection:** Safety glasses with side shields.

**Overall Protective Equipment:** Coveralls with long sleeves if splashing is probable.

### EXPOSURE GUIDELINES - APPLICABLE EXPOSURE LIMITS

*If oil mist is generated, exposure limits apply.*

**PEL (OSHA):** 5 mg/m<sup>3</sup>, 8 hr TWA

**TLV (ACGIH):** 5 mg/m<sup>3</sup>, 8 hr TWA, STEL 10 mg/m<sup>3</sup> Notice of Intended Changes (1997)  
5 mg/m<sup>3</sup>, 8 hr TWA, (As sampled by method that does not collect vapors)

**AEL\*(DuPont):** 5 mg/m<sup>3</sup>, 8 hr TWA

\*AEL is DuPont's Acceptable Exposure Limit, where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** not available

**Vapor Density:** >1 (Air=1.0)

**Evaporation Rate:** nil

**Odor:** Petroleum Hydrocarbon (mild)

**Color:** Red

**Density:** 7.14 lb/gal

**Vapor Pressure:** nil

**% Volatile:** nil

**Solubility in Water:** insoluble

**Form:** Liquid

**Specific Gravity:** 0.87 @ 60°F (16°C)

## 10. STABILITY & REACTIVITY

**Chemical Stability:** Stable

**Conditions to Avoid:** Heat, sparks and flame

**Incompatibility with Other Materials:** Incompatible or can react with oxidizers

**Decomposition:** Normal combustion forms carbon dioxide; incomplete combustion may produce carbon monoxide.

**Polymerization:** Polymerization will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Animal Data:** Mouse skin painting studies have shown that highly solvent-refined petroleum distillates similar to ingredients in this product have not caused skin tumors.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicological Information:** No specific aquatic data available for this product.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal:** Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations. Do not flush to surface water or sanitary sewer system.

**Container Disposal:** Empty drums should be completely drained, properly bunged and promptly shipped to the supplier or a drum re-conditioner. All other containers should be disposed of in an environmentally safe manner.

## 14. TRANSPORTATION INFORMATION

### SHIPPING INFORMATION

**DOT:** Not regulated

**ICAO/IMO:** Not restricted

## 15. REGULATORY INFORMATION

### US FEDERAL REGULATIONS

**OSHA Hazard Determination:** This material is not known to be hazardous as defined by OSHA's Hazard Communication Standard 29 CFR 1910.1200.

**CERCLA/Superfund:** Not applicable; this material is covered by the CERCLA petroleum exclusion.

**SARA TITLE III, Section 302/304:** It is possible material may contain extremely hazardous substances at concentrations below 1.0% so that a large enough spill could warrant an Emergency Release Report.

**Title III Hazard Classifications Sections 311, 312:** Acute = no; Chronic = no; Fire = no; Reactivity = no; Pressure = no

**SARA TITLE III, Section 313:** This material is not known to contain any chemical(s) at a level of 1.0% or greater (0.1% for carcinogens) on the list of Toxic Chemicals and subject to release reporting requirements.

**TSCA:** Material and/or components are listed in the TSCA Inventory of Chemical Substances (40 CFR 710).

**RCRA:** This material has been evaluated for RCRA characteristics and does not meet hazardous waste criteria if discarded in its purchased form. Because of product use, transformation, mixing, processing, etc., which may render the resulting material hazardous, it is the product user's responsibility to determine at the time of disposal whether the material meets RCRA hazardous waste criteria.

**Clean Water Act:** The material contains the following ingredient(s) which is considered hazardous if spilled into navigable waters and therefore reportable to the National Response Center (1-800-424-8802).

**Ingredient:** Petroleum Hydrocarbons

**Reportable Qty:** Film or sheen upon or discoloration of any water surface.

This material is not known to contain hazardous substances in sufficient quantity to make it subject to CERCLA regulations.

### STATE REGULATIONS (US)

**Pennsylvania Worker & Community Right to Know Act:** This material is not known to contain any ingredients subject to the Act. Nonhazardous ingredient information is withheld as a trade secret in accordance with Section 11 of the Act.

**California Proposition 65:** The material contains ingredients known to the State of California to cause cancer, birth defects, or other reproductive harm. Read and follow all label directions.

<b>Ingredients:</b>			
Benzene	(CAS# 71-43-2)		<0.001%
Aniline	(CAS# 62-53-3)		<0.001%
Amino azotoluene	(CAS# 97-56-3)		<0.001%
o-Toluidine	(CAS# 95-53-4)		<0.001%
Toluene	(CAS# 108-88-3)		<0.001%
Ethyl acrylate	(CAS# 140-88-5)		<0.01%

**CANADIAN REGULATIONS:** This is not a WHMIS controlled product.

## 15. REGULATORY INFORMATION

**NFPA Rating:** Health = 0, Flammability = 1, Reactivity = 0

**NPCA-HMIS Rating:** Health = 1, Flammability = 1, Reactivity = 0

Personal Protection rating to be supplied by user depending on use conditions.