MATERIAL SAFETY DATA SHEET
Radiator Specialty Company
1900 WILKINSON BLVD. CHARLOTTE, NC 28208 (704) 377-6555
POISON INFORMATION & EMERGENCY: 303-623-5716

MATERIAL SAFETY DATA SHEET
US DEPARTMENT OF LABOR
May be used to comply with OSHA’s Hazard
Standard must be consulted for specific require-
ments.

SECTION I GENERAL INFORMATION

PRODUCT NAME: ENGINE BRITE® HEAVY DUTY ENGINE CLEANER
PART NUMBER: EB-1

NOTE: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT WT% C.A.S. NO. TLV (ACGIH——OSHA——)
Ethoxylated Nonyl Phenol 3-5 9016-45-8 Not available
Aliphatic Petroleum Distillate* 80-88 68476-34-6 500 ppm (Air)
Aromatic Petroleum Distillate 6-9 64742-94-5 100 ppm (Air)
2 Butoxy, Ethylol * 1-2 111-76-2 25 ppm (Skin)
Alkyl Aryl Sulfonate <1 78330-15-8 5 mg/m3
Carbon Dioxide (P=160 psi) 1-3 124-38-8 5000 ppm (Air)

* THIS CHEMICAL IS SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 SARA TITLE III.

Warning: This product contains a chemical known to the state of California to cause cancer or birth defects or other reproductive harm.

Components not identified as non-hazardous according to 29 CFR 1910.1200

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity (H2O=1) .86
Solubility in Water Emulsifies Solubility in Solvent Petroleum
Flash Point (Method) - F* 160°F (TCC) % Volatiles By Wt. 90%
Melting Point - F* N/A Boiling Point - F* 305
Vapor Pressure (mmHg) Not available Vapor Density (Air=1) 1.2
Evaporation Rate (Butyl Acetate=1) N/A Appearance and Odor Amber liquid with petroleum odor.

SECTION IV FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA: Caution: COMBUSTIBLE
Water Fog X Foam X CO2 X Dry Chemical X

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained, positive pressure breathing apparatus and protective clothes. Cool containers with water spray. Use shield to protect from venting or bursting cans.

UNUSUAL FIRE AND EXPLOSION HAZARDS: At elevated temperatures containers may vent, rupture or burst, even violently.
SECTION V REACTIVITY DATA

<table>
<thead>
<tr>
<th>Stable</th>
<th>Unstable</th>
<th>Corrosive</th>
<th>NO</th>
<th>Hazardous Polymerization?</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

- Incompatibilities: Strong oxidizing agents.
- Hazardous Decomposition or Byproducts: High temperatures and ignition sources produce products of combustion: carbon monoxide, sulfur-like smoke.

SECTION VI HEALTH HAZARD INFORMATION

- **Recommended TLV of Product**: 100 ppm (Air)
- **EYE CONTACT**: Severe Irritant. Prolonged exposure may cause eye burns.
- **SKIN CONTACT**: Irritant, defatting. Over exposure may cause dermatitis.
- **INHALATION**: Over exposure may cause nausea, headache and respiratory irritation.
- **INGESTION**: Harmful or Fatal if swallowed.
- **OTHER**: N/A

SECTION VII EMERGENCY AND FIRST AID PROCEDURES

- **EYE CONTACT**: Flush with water for at least 15 minutes. If adverse symptoms persist, consult a physician immediately.
- **SKIN CONTACT**: Wash with soap and water thoroughly. Remove contaminated clothing and launder before reuse.
- **INHALATION**: Move to fresh air immediately. Consult a physician if adverse effects continue.
- **INGESTION**: Drink water. DO NOT INDUCE VOMITING! Consult a physician immediately. DO NOT ADMINISTER ADRENALINE OR EPINEPHRINE!

SECTION VIII SPECIAL PROTECTION INFORMATION

- **CONSUMER**
  - **RESPIRATORY PROTECTION**: N/A
  - **VENTILATION**: Use with adequate ventilation.
  - **EYE PROTECTION**: Goggles
  - **PROTECTIVE CLOTHING**: N/A
- **BULK HANDLING (Prolonged Exposure)**
  - **RESPIRATORY PROTECTION**: N/A
  - **VENTILATION**: General
  - **EYE PROTECTION**: Fully protective goggles or face shield.
  - **PROTECTIVE CLOTHING**: Solvent resistant gloves and apron.

SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE

- **SPILL OR LEAK PROCEDURE**: Observing health hazards described above, ventilate area, remove ignition sources. Flush residue with water, confine spill and place in drum.
- **WASTE DISPOSAL METHOD**: Dispose of in accordance with all applicable government laws and regulations.
- **STORAGE AND HANDLING PRECAUTIONS**: Store in cool place away from ignition sources.
- **OTHER PRECAUTIONS**: Combustible! Keep away from children and animals! Wearing of contact lenses is inadvisable. Do not puncture or incinerate containers.

**Hazard Information Label Data**

- **Hazard Category**: 4
- **Hazard Code**: W1220
- **Health**: 2
- **Flammability**: 0
- **Reactivity**: 2

Supersedes June 1996

Title: R. Grew-CHMIST

White River Specialty Company believes this data to be correct as of the revision date, and we make no warranty with respect to the data and we expressly disclaim all liability for reliance thereupon. The data is offered solely for information, investigation, and verification.

Title: Revised June 20X0