

# MATERIAL DATA SAFETY SHEET

BIG RIVERS AGRI SUPPLY



Updated: May 28, 2009  
Page 1 of 2

**Product Name: BIG OIL™ - premium crop oil concentrate**

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Big Oil**  
Manufactured for: BIG RIVERS AGRI SUPPLY  
2760 KELLER ROAD  
OWENSBORO, KY 42301

Emergency telephone number: (Chemtrec Information 24 hours) 1-800-424-9300  
For MSDS, Product Safety, or (Technical Support on Product) 1-888-786-4537  
Regulatory inquiries, call:

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>% By Wt.</u>
Base petroleum oil	8012-95-1		5 mg/m <sup>3</sup>	83
Linear ethoxylate	68131-40-8			17

## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW:

HMIS Hazard Rating:

1 Health Hazard Rating  
1 Flammability Rating  
0 Reactivity Rating  
— Personal Protection

### Primary Routes of Exposure:

Eyes: **Yes**                                      Skin: **Yes**                                      Oral: **Unlikely.**                                      Inhalation: **Yes**

### Signs and Symptoms of Exposure:

Eye contact: May cause irritation and reddening.  
Skin contact: May cause irritation and reddening.  
Inhalation: May cause respiratory and mucosal irritation.

## 4. FIRST AID MEASURES

### FIRST AID MEASURES FOR ACCIDENTAL EXPOSURE

**Eye Exposure:** Flush with large amounts of water for 15 minutes. Seek medical attention immediately.  
**Skin Exposure:** Wash affected areas with soap and water. Contaminated clothing should be removed and laundered prior to use.  
**Inhalation:** Remove to fresh air. Seek medical attention.  
**Ingestion:** **Do not induce vomiting unless directed to do so by medical personnel.** Get medical attention immediately.

## 5. FIRE-FIGHTING MEASURES

### FIRE HAZARD DATA:

**Flash Point:** >200°F  
**Extinguishing Media:** Water, foam, dry chemical, carbon dioxide.  
**Special Fire Fighting Procedures:** Wear an approved self-contained breathing apparatus and protective clothing. Minimize runoff if possible.

## 6. ACCIDENTAL RELEASE MEASURES

Recover as much material as practical. Soak up remaining material with absorbent clay. Keep spills from entering waterways. Assure that protective clothing is worn

## 7. HANDLING AND STORAGE

**Precautions to be Taken in Storage:** Store material in original containers. Keep away from foodstuffs.

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Page 2 of 2

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Eye Protection:** Safety glasses.

**Skin Protection:** Rubber impervious gloves.

**Inhalation Protection:** None under normal use conditions. Local exhaust ventilation.

**Other Protection:** Coveralls, long-sleeve shirt, rubber boots.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical Appearance & Odor:** Pale liquid, mild odor.

**pH:** Neutral.

**Solubility in Water:** Emulsifies.

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable.

**Incompatibility:** Strong oxidants.

**Hazardous Decomposition Products:** Carbon monoxide.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** Extreme heat.

## 11. TOXICOLOGICAL INFORMATION

**Carcinogenicity:** N/A

**Toxicity Data:** Oral LD50 (Rat) = 30 g/kg; dermal LD50 = 2,000 mg/kg.

**TLV:** 5 mg/m<sup>3</sup>

## 12. ECOLOGICAL INFORMATION

No ecological data is available for this product.

## 13. DISPOSAL CONSIDERATIONS

**Disposal Methods:** Dispose of in accordance with local, state, and federal regulations.

## 14. TRANSPORT INFORMATION

**DOT Status (Highway and rail):** Non-regulated.

**WHILE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, BIG RIVERS AGRI SUPPLY MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.**

N/R—Not Rated

N/D—Not Determined

N/A—Not Applicable

N/E—Not Established