

# MATERIAL SAFETY DATA SHEET

PRIME OIL SELECT

MSDS DATE: 9/17/12

SUPERSEDES: NONE

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** PRIME OIL SELECT

**DISTRIBUTOR:** Prime Source, LLC  
**ADDRESS:** 4609 E. Boonville-New Harmony Rd. • Evansville, IN 47725

**CHEMTREC PHONE:** US: 1-800-424-9300 International: 1-202-483-7616

**CHEMICAL NAME:** Proprietary mixture  
**CHEMICAL FAMILY:** Crop oil concentrate  
**CHEMICAL FORMULA:** Mixture

**PRODUCT USE:** Agricultural adjuvant oil

**SECTION 1 NOTES:** None

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## SECTION 2: HAZARDOUS INGREDIENTS

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<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>SARA 313 REPORTABLE</u>	<u>TWA</u>	<u>OSHA STEL</u>	<u>Ceiling</u>	<u>TWA</u>	<u>ACGIH STEL</u>	<u>Ceiling</u>
Ethylene Oxide	75-21-8	<1 ppm	@ 0.1%	1 ppm			1 ppm		

**SECTION 2 NOTES:** None

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## SECTION 3: HAZARDS IDENTIFICATION

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**ROUTES OF ENTRY:** Eyes, skin, ingestion, inhalation

### POTENTIAL HEALTH EFFECTS

**EYES:** Direct contact with material or exposure to vapors is not expected to cause irritation.

**SKIN:** Direct contact with material or exposure to vapors is not expected to cause irritation. Prolonged or repeated skin contact may cause drying, cracking or dermatitis.

**INGESTION:** High concentrations of vapors or mist may irritate the respiratory tract. Prolonged or repeated inhalation of oil mist may cause oil pneumonia, lung tissue inflammation and fibrous tissue formation.

**INHALATION:** May cause throat irritation, nausea, vomiting and diarrhea. Aspiration during ingestion may cause lung injury or possible death.

**ACUTE HEALTH HAZARDS:** None beyond those listed above

**CHRONIC HEALTH HAZARDS:** None known

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** None known

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### CARCINOGENICITY

**OSHA:** No    **ACGIH:** No    **NTP:** No    **IARC:** No    **OTHER:** No

**SECTION 3 NOTES:** None

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## SECTION 4: FIRST AID MEASURES

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**If in Eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing eye. Have the product container with you when calling a poison control center or doctor, or going for treatment.

**If on Skin or Clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

**If Swallowed:** Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person

**If Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.

**SECTION 4 NOTES:** None

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## SECTION 5: FIRE-FIGHTING MEASURES

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**FLAMMABLE LIMITS IN AIR, UPPER:** Unknown  
**(% BY VOLUME) LOWER:** Unknown

**FLASH POINT:**

**F:** >200

**C:** >93

**METHOD USED:**

PMCC

**AUTOIGNITION TEMPERATURE:**

**F:** Unknown

**C:** Unknown

**NFPA HAZARD CLASSIFICATION**

**HEALTH:** 1      **FLAMMABILITY:** 1      **REACTIVITY:** 0      **OTHER:** -

**EXTINGUISHING MEDIA:** Carbon dioxide, dry chemical powder, chemical foam or water fog.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus when fire fighting in confined space.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Burning decomposition or combustion products may be toxic. Empty containers may retain residue and may be dangerous. Heated containers may rupture.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Burning may produce carbon monoxide.

**SECTION 5 NOTES:** None

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**ACCIDENTAL RELEASE MEASURES:** Small Spills: Flush the area thoroughly with water and scrub to remove residue.  
Large Spills: Contain spill, cover with inert absorbent and transfer to waste disposal container.

**SECTION 6 NOTES:** None

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## SECTION 7: HANDLING AND STORAGE

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**HANDLING AND STORAGE:** Maintain good housekeeping practices and clean up spills promptly. NFPA Class IIIB storage. Never siphon by mouth.

**SECTION 7 NOTES:** None

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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SUPERSEDES: NONE

### ENGINEERING CONTROLS:

**VENTILATION :** Normal room ventilation (mechanical) should be satisfactory.

**RESPIRATORY PROTECTION:** None required under normal use. If necessary, use a respirator with a hydrocarbon insert.

**EYE PROTECTION:** Chemical goggles

**SKIN PROTECTION:** Hydrocarbon resistant gloves

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Where spills and splashes are likely, wear protective clothing. Eye wash and safety shower should be available.

**WORK HYGIENIC PRACTICES:** None

**EXPOSURE GUIDELINES:** None

**SECTION 8 NOTES:** None

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** Clear, amber

**ODOR:** Slight

**PHYSICAL STATE:** Liquid

**pH AS SUPPLIED:** Not applicable

**pH (Other):** 5 – 6 @ 1% in water

**BOILING POINT:**

F: Unknown

C: Unknown

**MELTING POINT:**

F: Unknown

C: Unknown

**FREEZING POINT:**

F: Unknown

C: Unknown

**VAPOR PRESSURE (mmHg):**

@

F: Unknown

C: Unknown

**VAPOR DENSITY (AIR = 1):**

@

F: Unknown

C: Unknown

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** ~0.87

@

F: 68

C: 20

**EVAPORATION RATE:** Unknown

**BASIS (butyl acetate=1):**

**SOLUBILITY IN WATER:** Dispersable

**VISCOSITY:** Unknown

@

F:

C:

**SECTION 9 NOTES:** None

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## SECTION 10: STABILITY AND REACTIVITY

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SUPERSEDES: NONE

STABILITY: Stable  Unstable

CONDITIONS TO AVOID (STABILITY): Avoid intense heat, sparks or flame.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Combustion may produce carbon monoxide and asphyxiants

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None known

SECTION 10 NOTES: None

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## SECTION 11: TOXICOLOGICAL INFORMATION

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### TOXICOLOGICAL INFORMATION:

Acute oral toxicity, mg/kg (RAT): >5050

Acute dermal toxicity, mg/kg (RAT): >5050

Acute eye irritation, Draize (RABBIT): score of 6 at 1 hr., 0 at 24 hours and beyond

Acute dermal irritation, (RABBIT): score 0.6/8.0, none after 72 hours, slightly irritating

SECTION 11 NOTES: None

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## SECTION 12: ECOLOGICAL INFORMATION

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ECOLOGICAL INFORMATION: Not available

SECTION 12 NOTES: None

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## SECTION 13: DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL METHOD: Liquid may be absorbed onto inert carrier and landfilled or may be burned, if allowed by law. Disposal must be made in accordance with applicable governmental regulations. Do not flush to drain/storm sewer.

RCRA HAZARD CLASS: Not regulated

SECTION 13 NOTES: None

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## SECTION 14: TRANSPORT INFORMATION

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### U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENT:

OTHER AGENCIES:

SECTION 14 NOTES: None

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## SECTION 15: REGULATORY INFORMATION

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U.S. FEDERAL REGULATIONS

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SUPERSEDES: NONE

TSCA (TOXIC SUBSTANCE CONTROL ACT): Not listed

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not listed

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES: Not regulated

313 REPORTABLE INGREDIENTS: None present at reportable levels

## STATE REGULATIONS:

WARNING! This product contains a detectable amount of ethylene oxide, which is known to the State of California to cause cancer and/or reproductive toxicity.

Ethoxylated products may contain residual amounts of ethylene oxide (EO) which can accumulate in the container headspace and be released into the ambient environment. This process is enhanced when the product is agitated, as during tank car loading and unloading, and blending operations. Ethylene oxide causes tumors in laboratory animals. The Occupational Safety and Health Administration (OSHA) Permissible Exposure Level (PEL) for EO is 1 ppm for an eight-hour time weighted average exposure. The standard regulates occupational exposure to EO from all sources, including products containing residual EO. It is the responsibility of the employer to comply with OSHA ethylene oxide standard (29) CFR 1910.1047).

INTERNATIONAL REGULATIONS: None known

SECTION 15 NOTES: None

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## SECTION 16: OTHER INFORMATION

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OTHER INFORMATION: None

PREPARATION INFORMATION: Prepared on 9/17/12

## DISCLAIMER:

The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.

**Prime Source LLC**  
**4609 East Boonville - New Harmony Road**  
**Evansville IN 47725**