



## Safety Data Sheet

SDS DATE: 05/17/2018 - SUPERSEDES: NONE

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** RRSI FORESTRY OIL  
**DISTRIBUTOR:** Red River Specialties, Inc.  
**ADDRESS:** 1324 N. Hearne Ave., Ste 120, Shreveport, LA 71107  
**EMERGENCY CHEMTREC PHONE:** US: 1-800-424-9300  
**CHEMICAL NAME:** Proprietary mixture  
**CHEMICAL FAMILY:** Petroleum Hydrocarbon  
**CHEMICAL FORMULA:** Mixture  
**PRODUCT USE:** Agricultural and Forestry Oil  
**SECTION 1 NOTES:** None

### SECTION 2: HAZARDOUS INGREDIENTS

INGREDIENT	CAS NO.	% WT	SARA 313	OSHA			ACGIH		
			REPORTABLE	TWA	STEL	CEILING	TWA	STEL	CEILING
Ethylene oxide	75-21-8	<1 ppm	No	1 ppm	5ppm/15min		1 ppm		

### SECTION 3: HAZARDS IDENTIFICATION

**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:** May cause throat irritation, nausea, vomiting and diarrhea. Aspiration during ingestion may cause lung injury or possible death.  
**INHALATION:** 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.  
**ACUTE HEALTH HAZARDS:** NA  
**CHRONIC HEALTH HAZARDS:** NA  
**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Overexposure to any chemical may result in enhancement of pre-existing adverse medical condition and allergic reactions.  
**CARCINOGENICITY**  
**OSHA:** No    **ACGIH:** No    **NTP:** No    **IARC:** No    **OTHER:** No  
**SECTION 3 NOTES:** None

### SECTION 4: FIRST AID MEASURES

**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

### SECTION 5: FIRE FIGHTING MEASURES

**FLAMMABLE LIMITS IN AIR, (% BY VOLUME)**    **UPPER:** NA    **LOWER:** NA  
**FLASH POINT:**    **F:** >200    **C:** >93  
**METHOD USED:** PMCC  
**AUTOIGNITION TEMPERATURE:**    **F:** NA    **C:** NA  
**NFPA HAZARD CLASSIFICATION**  
**HEALTH:** 1    **FLAMMABILITY:** 1    **REACTIVITY:** 0    **OTHER:** -  
**HMIS HAZARD CLASSIFICATION**  
**HEALTH:** NA    **FLAMMABILITY:** NA    **REACTIVITY:** NA    **PROTECTION:** NA  
**EXTINGUISHING MEDIA:**  
**SPECIAL FIRE FIGHTING PROCEDURES:** Carbon dioxide, dry chemical powder, chemical foam or water fog.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Burning may produce carbon monoxide. Decomposition or combustion products may be toxic. Empty containers may retain residue and may be dangerous. Heated containers may rupture.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Combustion may produce carbon monoxide and asphyxiates.  
**SECTION 5 NOTES:** None

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

**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

## SECTION 7: HANDLING AND STORAGE

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

**SECTION 7 NOTES:** None

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

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

**RESPIRATORY PROTECTION:** None required for normal use.

**EYE PROTECTION:** Wear goggles or a face shield.

**SKIN PROTECTION:** PVC-coated gloves. Where spills and splashes are likely, wear protective clothing.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Eye wash and safety shower should be available.

**WORK HYGIENIC PRACTICES:** Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse.

**EXPOSURE GUIDELINES:** NA

**SECTION 8 NOTES:** None

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear, amber

**ODOR:** Little odor

**PHYSICAL STATE:** Liquid

**PH AS SUPPLIED:** NA

**PH (OTHER):** NA

**BOILING POINT:** F: Unknown C: Unknown

**MELTING POINT:** F: Unknown C: Unknown

**FREEZING POINT:** F: Unknown C: Unknown

**VAPOR PRESSURE (mmHg):** Unknown

@ F:  
C:

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

@ F:  
C:

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** ~0.95

@ F: 68  
C: 20

**EVAPORATION RATE:** Unknown

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

**SOLUBILITY IN WATER:** Dispersible

**VISCOSITY:** Unknown

@ F:  
C:

**SECTION 9 NOTES:** None

## SECTION 10: STABILITY AND REACTIVITY

**STABILITY:** Stable

**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 asphyxiates.

**HAZARDOUS POLYMERIZATION:** Not known to occur under normal temperatures and pressures.

**CONDITIONS TO AVOID (POLYMERIZATION):** None known

**SECTION 10 NOTES:** None

## SECTION 11: TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** Not available

**SECTION 11 NOTES:** None

## SECTION 12: ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** Not available

**SECTION 12 NOTES:** None

## SECTION 13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Disposal must be made in accordance with applicable governmental regulations. Do not flush to rain/storm sewer.

**RCRA HAZARD CLASS:** NA

**SECTION 13 NOTES:** None

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### SECTION 14: TRANSPORTATION INFORMATION

#### U.S. DEPARTMENT OF TRANSPORTATION

**PROPER SHIPPING NAME:** Not regulated

**HAZARD CLASS:** Not regulated

**ID NUMBER:** Not regulated

**PACKING GROUP:** Not regulated

**LABEL STATEMENT:** Not regulated

#### OTHER AGENCIES:

**SECTION 14 NOTES:** None

### SECTION 15: REGULATORY INFORMATION

#### U.S. FEDERAL REGULATIONS

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** All components of this product are listed or excluded from listing on the US Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):**

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>RANGE IN %</u>	<u>RQ</u>
Glycol ethers (fraction of product matching EPA definition)	Mixture	1.5-3.5	1
Residual ethylene oxide (typical)	75-21-8	<0.001	10

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):**

**SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCES:**

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>RANGE IN %</u>	<u>TPQ</u>	<u>RQ</u>
Residual ethylene oxide (typical)	75-21-8	<0.001	Below reportable concentrations	

**311/312 HAZARD CATEGORIES:** This product has been reviewed according to the EPA "Hazard Categories" promulgated under Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Immediate Health Hazard

**313 REPORTABLE INGREDIENTS:** This product contains no substances subject to the reporting requirements of Section 313 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) or 40 CFR Part 372 in concentrations above the de minimis concentration level.

<u>CAS NUMBER</u>	<u>CHEMICAL NAME</u>	<u>CONCENTRATION</u>
Mixture	Glycol ethers (fraction of product matching EPA definition)	1.5-3.5

**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).

**SECTION 15 NOTES:** See SARA 313 regulations for reporting of aqueous ammonia

### SECTION 16: OTHER INFORMATION

**OTHER INFORMATION:** None

**PREPARATION INFORMATION:** Prepared on 05/17/18

**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.

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