



Materials Safety Data Sheet • 100891

Red Line Water Wetter

PRODUCT TRADE NAME: **Red Line WaterWetter®**

REVISION DATE: April 18, 2008

CHEMICAL NAME: Glycol Ether Mixture

NFPA CODE: Health: 1 Fire: 0 Reactivity: 0

HMIS CODE: Health: 1 Fire: 0 Reactivity: 0

SECTION 1 - INGREDIENTS

Dilsopropyl Alcohol Ether	1-40%	CAS #25265-71-8
Tri Isopropyl Alcohol DiEther	1-40%	CAS #24800-44-0
Sodium Molybdate	2-10%	CAS #10102-40-6
Tolyltriazole	1-3%	CAS #29385-43-1
PolySiloxane Polymer		

This material is not known to contain greater than 0.1% of any carcinogen required to be listed under the OSHA Hazard Communication Standard (29CFR1910.1200)

SECTION 2 - FIRE AND EXPLOSION HAZARDS

FLASH POINT: >300° F (149°C)
 UPPER FLAMMABLE LIMIT: Not Determined.
 LOWER FLAMMABLE LIMIT: Not Determined.
 EXTINGUISHING MEDIA: CO₂, dry chemical, foam.
 SPECIAL FIREFIGHTING PROCEDURES: None.
 UNUSUAL FIRE & EXPLOSION HAZARDS: None.

SECTION 3 - HEALTH HAZARD DATA

ORAL TOXICITY: LD 50: Greater than 5000 mg/kg in rats. Based on data from components.
 EYE IRRITATION: May cause slight eye irritation.
 SKIN IRRITATION: May cause slight skin irritation.
 OTHER: None
 TLV: None established.

FIRST AID PROCEDURES

SKIN: Wash well with soap and water. If irritation develops, see a physician.
 EYE: Flush well with water for at least 15 minutes. See a physician if irritation develops.
 INHALATION: Remove to fresh air. See a physician if irritaiton persists. If breathing is difficult, give oxygen. If breathing has stopped, apply artificial respiration.
 ORAL: Call a physician. Drink large amounts of fluid such as water or milk. If vomiting does occur, give fluids again.
 ADDITIONAL: None.

SECTION 4 - SPECIAL PROTECTION INFORMATION

VENTILATION PROCEDURE: Mechanical ventilation recommended.
 GLOVES PROTECTION: Rubber gloves recommended.
 EYE PROTECTION: Chemical goggles recommended.
 OTHER PROTECTION: Long-sleeved shirt. Wash clothing before reuse.

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SECTION 5 - PHYSICAL DATA

VAPOR PRESSURE: NA
SPECIFIC GRAVITY: 1.08
WATER SOLUBILITY: Miscible @ 25°C
pH 10% SOLUTION: 9.0
PERCENT VOLATILE: NA
VAPOR DENSITY: Heavier than air
EVAPORATION RATE: Not Determined.
ODOR: Faint odor.
APPEARANCE: Pink liquid.

SECTION 6 - STABILITY

STABILITY: Stable
INCOMPATIBILITY: Strong acids, oxidizing agents.
POLYMERIZATION: Will not occur.
THERMAL DECOMPOSITION: Oxides of carbon including carbon monoxide.

SPILL OR LEAK PROCEDURES

SPILL PROCEDURES: Contain and collect liquid or sweep up material with absorbent for recycle/disposal.

WASTE DISPOSAL: If disposed of, this material is not believed to be a hazardous waste under RCRA due to ignitability, reactivity, or corrosivity. This material has not been reviewed under RCRA toxicity characteristic criteria published March 29, 1990 (55 FR 11798.) Disposal should be in compliance with federal, state, and local laws. Contains 2% Molybdenum as molybdate.

SPECIAL PRECAUTIONS

SPECIAL PRECAUTIONS: Do not get in eyes, or on skin or clothing. Store in a cool, dry, place. Keep containers closed when not in use. Remove contaminated clothing and launder before reuse.

TRANSPORTATION AND LABELING

DOT PROPER SHIPPING NAME: Not Applicable
DOT HAZARD CLASS: None
DOT ID NUMBER (UN NO.): Not Applicable
IMO CLASS: Not Applicable
PRECAUTIONARY LABELS: None.

The information presented herein has been compiled from sources considered dependable and is accurate to the best of Red Line's knowledge; however, Red Line makes no warranty whatsoever, expressed or implied, of merchantability or fitness for the particular purpose, regarding the accuracy of such data or the results to be obtained from the use thereof. Red Line assumes no responsibility for injury to recipient or to third persons or for any damage to any property and buyer assumes all such risks.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.

Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction), OSHA PEL 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction).

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits.

Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES

None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT	6.25 lb/gal	749 g/l
SPECIFIC GRAVITY	0.75	
BOILING POINT	<0 - 342 °F	<-18 - 172 °C
MELTING POINT	Not Available	
VOLATILE VOLUME	87%	
EVAPORATION RATE	Faster than ether	
VAPOR DENSITY	Heavier than air	
SOLUBILITY IN WATER	N.A.	
pH	7.0	

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)

Volatile Weight 53.29%

Less Water and Federally Exempt Solvents

SECTION 10 – STABILITY AND REACTIVITY

STABILITY – Stable

CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

Will not occur

SECTION 11 – TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Ethylbenzene is classified by IARC as possibly carcinogenic to humans (2B) based on inadequate evidence in humans and sufficient evidence in laboratory animals. Lifetime inhalation exposure of rats and mice to high ethylbenzene concentrations resulted in increases in certain types of cancer, including kidney tumors in rats and lung and liver tumors in mice. These effects were not observed in animals exposed to lower concentrations. There is no evidence that ethylbenzene causes cancer in humans.

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TOXICOLOGY DATA

CAS No.	Ingredient Name			
74-98-6	Propane	LC50 RAT	4HR	Not Available
		LD50 RAT		Not Available
106-97-8	Butane	LC50 RAT	4HR	Not Available
		LD50 RAT		Not Available
108-88-3	Toluene	LC50 RAT	4HR	4000 ppm
		LD50 RAT		5000 mg/kg
100-41-4	Ethylbenzene	LC50 RAT	4HR	Not Available
		LD50 RAT		3500 mg/kg
67-64-1	Acetone	LC50 RAT	4HR	Not Available
		LD50 RAT		5800 mg/kg
763-69-9	Ethyl 3-Ethoxypropionate	LC50 RAT	4HR	Not Available
		LD50 RAT		5000 mg/kg

SECTION 12 – ECOLOGICAL INFORMATION**ECOTOXICOLOGICAL INFORMATION**

No data available.

SECTION 13 – DISPOSAL CONSIDERATIONS**WASTE DISPOSAL METHOD**

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

SECTION 14 – TRANSPORT INFORMATION**US Ground (DOT)**

May be classed as Consumer Commodity, ORM-D

UN1950, AEROSOLS, 2.1, LIMITED QUANTITY, (ERG#126)

Canada (TDG)

May be classed as Consumer Commodity, ORM-D

UN1950, AEROSOLS, CLASS 2.1, LIMITED QUANTITY, (ERG#126)

IMO

May be shipped as Limited Quantity

UN1950, AEROSOLS, CLASS 2.1, LIMITED QUANTITY, EmS F-D, S-U, ADR (D)

SECTION 15 – REGULATORY INFORMATION**SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION**

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
108-88-3	Toluene	19	
100-41-4	Ethylbenzene	0.1	

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

SECTION 16 – OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

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The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.