

1	<b>Chemical Product and Company Identification</b>
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*Red Line Synthetic Oil Corp*  
6100 Egret Court  
Benicia, CA 94510  
USA  
707-745-6100

**Product Trade Name** WaterWetter®, SuperCool®  
**CAS Number** Not applicable for mixtures.  
**Synonyms** None.  
**Generic Chemical Name** Mixture.  
**Product Type** Coolant Additive Mixture  
**Preparation/Revision Date** 4 March 2013  
**Transportation Emergency Phone No.** For Transport Emergency call (+1) 707-400-0215

2	<b>Hazards Identification</b>
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**Appearance** Pink liquid.  
**Odor** Pungent  
**Principal Hazards** Warning.  

- 1 Harmful if absorbed through skin.
- 1 Prolonged or repeated contact may cause dermatitis.
- 1 May cause chronic health effects.

**Target Organs:** Kidney Liver

See Section 11 for complete health hazard information.

3	<b>Composition/Information on Ingredients</b>
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**Hazardous Ingredients**

Comp	CAS No.	Percentage (by wt.)	Carcinogen
Boric acid, amine salt	Confidential.	From 1 to 4.9 percent	N/E
Triethanolamine	102-71-6	From 0.1 to 1 percent	N/E

(N/E) - None established

4	<b>First Aid Measures</b>
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**Eyes** Flush with water at least 30 minutes. Get medical attention if eye irritation develops or persists.  
**Skin** Wash with soap and water. Get medical attention if irritation develops. Launder contaminated clothing before reuse.  
**Inhalation** Remove exposed person to fresh air if adverse effects are observed.  
**Oral** DO NOT INDUCE VOMITING. Get immediate medical attention.  
**Additional Information** Note to physician: Treat symptomatically.

5	<b>Fire Fighting Measures</b>
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**Flash Point** Not applicable.  
**Extinguishing Media** CO2, dry chemical, or foam. Water can be used to cool and protect exposed material.  
**Firefighting Procedures** Wear full protective firegear including self-containing breathing apparatus operated in the positive pressure mode with full facepiece, coat, pants, gloves and boots.  
**Unusual Fire & Explosion Hazards** Material will not burn until water has been evaporated. See section 10 for additional information.

6	<b>Accidental Release Measures</b>
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**Spill Procedures**

Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers and waterways. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material.

<b>7</b>	<b>Handling and Storage</b>
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**Pumping Temperature** Not determined.  
**Maximum Handling Temperature** Not determined.  
**Handling Procedures** Open container in a well ventilated area. Avoid breathing vapors. Keep containers closed when not in use. Wash thoroughly after handling. Launder contaminated clothing before reuse. Empty container contains product residue which may exhibit hazards of product. Dispose of packaging or containers in accordance with local, regional, national and international regulations.  
**Maximum Storage Temperature** 49 °C, 120.2 °F  
**Storage Procedures** See section 10 for incompatible materials.  
**Maximum Loading Temperature** Not determined.

<b>8</b>	<b>Exposure Controls/Personal Protection</b>
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**Exposure Limits**

Comp	Exposure Guidelines					
	OSHA		ACGIH		Other	
	TWA	STEL	TWA	STEL	TWA	STEL
Triethanolamine	N/E	N/E	5 mg/cu. M	N/E	N/E	N/E

- (s) - Skin exposure
- (p) - Proposed limit
- (c) - Ceiling exposure
- (l) - Recommended exposure limit
- (u) - Supplier recommended exposure limit
- (N/E) - None established

**Other Exposure Limits** None known.  
**Engineering Controls** Use with adequate ventilation.  
**Gloves Procedures** Use nitrile or neoprene gloves.  
**Eye Protection** Safety Glasses.  
**Respiratory Protection** Use NIOSH/MSHA approved respirator with a combination organic vapor and high efficiency filter cartridge if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.  
**Clothing Recommendation** Long sleeve shirt is recommended. Wear a chemically protective apron when contact with material may occur. When working with heated material, wear an insulated apron or an insulated chemical protective suit. Use neoprene or nitrile rubber boots when necessary to avoid contaminating shoes. Launder contaminated clothing before reuse.

<b>9</b>	<b>Physical and Chemical Properties</b>
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**Flash Point** Not applicable.  
**Upper Flammable Limit** Not determined.  
**Lower Flammable Limit** Not determined.  
**Autoignition Point** Not determined.  
**Explosion Data** Material does not have explosive properties.  
**Vapor Pressure** Not determined.  
**pH** 8.5  
**Specific Gravity** 1.09 (20 °C)  
**Bulk Density** 9.1 Lb/gal, 1.09 Kg/L  
**Water Solubility** Soluble.  
**Percent Solid** Not determined.  
**Percent Volatile** Not determined.  
**Volatile Organic Compound** Not Applicable.  
**Vapor Density** Not determined.  
**Evaporation Rate** Not determined.  
**Odor** Pungent  
**Appearance** Pink liquid.  
**Viscosity** Not determined.  
**Odor Threshold** Not determined.  
**Boiling Point** 100 °C, 212 °F(Typical)  
**Pour Point Temperature** Not determined.  
**Melting / Freezing Point** 0°C, 32°F.

*The above data are typical values and do not constitute a specification. Vapor pressure data are calculated unless otherwise noted.*

<b>10</b>	<b>Stability and Reactivity</b>
<b>Stability</b>	Material is normally stable at moderately elevated temperatures and pressures.
<b>Decomposition Temperature</b>	Not determined.
<b>Incompatibility</b>	Strong oxidizing agents. This material contains amine. Do not add nitrite or other nitrosating agents due to the potential for nitrosamine formation.
<b>Polymerization</b>	Will not occur.
<b>Thermal Decomposition</b>	Thermal decomposition and combustion are not expected to occur except under extreme conditions. Irritating and toxic substances may be emitted upon combustion, burning, or decomposition of dry solids.
<b>Conditions to Avoid</b>	Not determined.
<b>11</b>	<b>Toxicological Information</b>
	<b>– ACUTE EXPOSURE –</b>
<b>Eye Irritation</b>	Not expected to cause eye irritation. Based on data from components or similar materials.
<b>Skin Irritation</b>	Not expected to be a primary skin irritant. Based on data from components or similar materials. Prolonged or repeated contact may cause dermatitis.
<b>Respiratory Irritation</b>	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from similar materials.
<b>Dermal Toxicity</b>	The LD50 in rabbits is > 2000 mg/Kg. Based on actual data. Prolonged or widespread contact with this material could result in the absorption of potentially harmful amounts.
<b>Inhalation Toxicity</b>	No data available to indicate product or components may be a toxic inhalation hazard.
<b>Oral Toxicity</b>	The LD50 in rats is > 5000 mg/Kg. Based on actual data.
<b>Dermal Sensitization</b>	No data available to indicate product or components may be a skin sensitizer.
<b>Inhalation Sensitization</b>	No data available to indicate product or components may be respiratory sensitizers.
	<b>– CHRONIC EXPOSURE –</b>
<b>Chronic Toxicity</b>	Repeated overexposure to alkanolamines may cause liver and kidney damage.
<b>Carcinogenicity</b>	No data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.
<b>Mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Reproductive Toxicity</b>	Studies in experimental animals have shown that infertility and testicular damage can result from repeated ingestion of boric acid.
<b>Teratogenicity</b>	No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.
	<b>– ADDITIONAL INFORMATION –</b>
<b>Other</b>	No other health hazards known.
<b>12</b>	<b>Ecological Information</b>
	<b>– ENVIRONMENTAL TOXICITY –</b>
<b>Freshwater Fish Toxicity</b>	Not determined.
<b>Freshwater Invertebrates Toxicity</b>	Not determined.
<b>Algal Inhibition</b>	Not determined.
<b>Saltwater Fish Toxicity</b>	Not determined.
<b>Saltwater Invertebrates Toxicity</b>	Not determined.
<b>Bacteria Toxicity</b>	Not determined.
<b>Miscellaneous Toxicity</b>	Not determined.
	<b>– ENVIRONMENTAL FATE –</b>
<b>Biodegradation</b>	This product shows limited biodegradation based on OECD 302-type test data for similar products.
<b>Bioaccumulation</b>	10 – 25% of the components display no potential to bioconcentrate.
<b>Soil Mobility</b>	Not determined.
<b>13</b>	<b>Disposal Considerations</b>
<b>Waste Disposal</b>	This material, if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261. Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.
<b>14</b>	<b>Transport Information</b>

**WaterWetter®**, **SuperCool®**

<b>ICAO/IATA I</b>	Not regulated.
<b>ICAO/IATA II</b>	Not regulated.
<b>IMDG</b>	Not regulated.
<b>IMDG EMS Fire</b>	Not applicable.
<b>IMDG EMS Spill</b>	Not applicable.
<b>IMDG MFAG</b>	Not applicable.
<b>MARPOL Annex II</b>	Not determined.
<b>USCG Compatibility</b>	Not determined.
<b>U.S. DOT Bulk</b>	Not regulated.
<b>DOT NAERG</b>	Not applicable.
<b>U.S. DOT (Intermediate)</b>	Not regulated.
<b>U.S. DOT Intermediate NAERG</b>	Not applicable.
<b>U.S. DOT Non-Bulk</b>	Not regulated.
<b>U.S. DOT Non-Bulk NAERG</b>	Not applicable.
<b>Canada</b>	Not regulated.
<b>Mexico</b>	Not regulated.

*Review classification requirements before shipping materials at elevated temperatures.*

<b>15</b>	<b>Regulatory Information</b>
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**– Global Chemical Inventories –**

<b>USA</b>	All components of this material are on the US TSCA Inventory or are exempt.
<b>Other TSCA Reg.</b>	Section 8D (Triethanolamine).
<b>Canada</b>	All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.

**– Other U.S. Federal Regulations –**

<b>SARA Ext. Haz. Subst.</b>	This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.								
<b>SARA Section 313</b>	This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.								
<b>SARA 311 Classifications</b>	<table border="1" style="border-collapse: collapse;"> <tr><td>Acute Hazard</td><td style="text-align: center;">No</td></tr> <tr><td>Chronic Hazard</td><td style="text-align: center;">Yes</td></tr> <tr><td>Fire Hazard</td><td style="text-align: center;">No</td></tr> <tr><td>Reactivity Hazard</td><td style="text-align: center;">No</td></tr> </table>	Acute Hazard	No	Chronic Hazard	Yes	Fire Hazard	No	Reactivity Hazard	No
Acute Hazard	No								
Chronic Hazard	Yes								
Fire Hazard	No								
Reactivity Hazard	No								
<b>CERCLA Hazardous Substances</b>	None known.								

**– State Regulations –**

<b>Cal. Prop. 65</b>	This product contains the following chemical(s) known to the state of California to cause cancer and/or birth defects based on maximum impurity levels of components: 0.027% Diethanolamine, CAS no. 111-42-2
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**– Product Registrations –**

<b>U.S. Fuel Registration</b>	Not applicable.
<b>Finnish Registration Number</b>	Not Registered
<b>Swedish Registration Number</b>	Not Registered
<b>Norwegian Registration Number</b>	Not Registered
<b>Danish Registration Number</b>	Not Registered
<b>Swiss Registration Number</b>	Not Registered
<b>Italian Registration Number</b>	Not Registered

**Miscellaneous Regulatory Information** Not determined.

<b>16</b>	<b>Other Information</b>
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**US NFPA Codes**

Health	Fire	Reactivity	Special
1	0	0	N/E

(N/E) - None established

**HMIS Codes**

Health	Fire	Reactivity
1*	0	0

**Precautionary Labels**

Warning.

- 1 Harmful if absorbed through skin.
- 1 Prolonged or repeated contact may cause dermatitis.
- 1 May cause chronic health effects.

*As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user.*