

# Safety Data Sheet

Safety Data Sheet according to Regulation (EC) No.  
1907/2006 (REACH)



## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Substance name: **Red Line® WaterWetter® Super Coolant**  
Code: **828841**  
REACH Registration Number: Not applicable  
Issue date: 06-Feb-2020

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Antifreeze  
Uses advised against: Other uses are not recommended unless an assessment demonstrates potential exposures will be controlled.

### 1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier: RED LINE SYNTHETIC OIL  
6100 Egret Court  
Benicia, CA 94510  
1-707-745-6100  
Phone: 800-762-0942  
Email: SDS@P66.com  
Technical Information: CHEMTREC UK +(44)-870-8200418  
SDS Information: CHEMTREC France +(33)-975181407  
CHEMTREC Spain 900-868538  
CHEMTREC Germany 0800-181-7059  
CHEMTREC Finland (Helsinki) +(358)-942419014  
CHEMTREC Sweden (Stockholm) +(46)-852503403  
CHEMTREC Norway (Oslo) +(47)-21930678

### 1.4. Emergency telephone number

## SECTION 2: Hazard identification

### 2.1. Classification of the substance or mixture

CLP Classification (EC No 1272/2008)  
Not classified according to Regulation (EC) No 1272/2008

### 2.2. Label elements

No classified hazards

### 2.3. Other hazards

None known

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Chemical Name	CASRN	EINECS	REACH Registration No	Concentration <sup>1</sup>	Classification <sup>2</sup>
Triethanolamine	102-71-6	203-049-8	--	5-7.49	H319
Potassium hydroxide	1310-58-3	215-181-3	--	2.5-4.99	H302,H314
Nonanoic acid	112-05-0	203-931-2	--	2.5-4.99	H315,H319,H412

Octanoic acid	124-07-2	204-677-5	--	2.5-4.99	H314,H412
Sodium molybdate	7631-95-0	231-551-7	--	2.5-4.99	H303
Hexanedioic acid	124-04-9	204-673-3	--	1-2.49	H319
Tolyltriazole, sodium salt	64665-57-2	265-004-9	--	1-2.49	H302,H314,H318
Boric acid (H3BO3)	10043-35-3	233-139-2	--	1-2.49	H360F,D
1,2-Propanediol	57-55-6	200-338-0	01-2119456809-23-0028	0.75-0.99	-

<sup>1</sup> All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

<sup>2</sup> Regulation EC 1272/2008.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Eye Contact:** If irritation or redness develops from exposure, flush eyes with clean water. If symptoms persist, seek medical attention.

**Skin Contact:** First aid is not normally required. However, it is good practise to wash any chemical from the skin.

**Inhalation:** First aid is not normally required. If breathing difficulties develop, move victim away from source of exposure and into fresh air in a position comfortable for breathing. Seek immediate medical attention.

**Ingestion:** First aid is not normally required; however, if swallowed and symptoms develop, seek medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

Effects of overexposure may include severe irritation of the mouth, nose, throat, respiratory, and digestive tract

### 4.3. Indication of any immediate medical attention and special treatment needed

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Use extinguishing agent suitable for type of surrounding fire

### 5.2. Special hazards arising from the substance or mixture

**Unusual Fire & Explosion Hazards:** No unusual fire or explosion hazards are expected.

**Hazardous Combustion Products:** None anticipated.

### 5.3. Special protective actions for fire-fighters

For fires beyond the initial stage, emergency responders in the immediate hazard area should wear protective clothing. When the potential chemical hazard is unknown, in enclosed or confined spaces, a self contained breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8). Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Stop spill/release if it can be done safely. Water spray may be useful in minimizing or dispersing vapours and to protect personnel. Cool equipment exposed to fire with water, if it can be done safely.

See Section 9 for Flammable Properties including Flash Point and Flammable (Explosive) Limits

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Stay upwind and away from spill/release. Avoid direct contact with material. For large spillages, notify persons down wind of the spill/release, isolate immediate hazard area and keep unauthorised personnel out. Wear appropriate protective equipment, including respiratory protection, as conditions warrant (see Section 8). See Sections 2 and 7 for additional information on hazards and precautionary measures.

### 6.2. Environmental precautions

Stop and contain spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorised drainage systems, and natural waterways. Use water sparingly to minimize environmental contamination and reduce disposal requirements. If spill occurs on water notify appropriate authorities and advise shipping of any hazard.

### 6.3. Methods and material for containment and cleaning up

Absorb spill with inert material such as sand or vermiculite, and place in suitable container for disposal. If spilled on water remove with appropriate methods (e.g. skimming, booms or absorbents). In case of soil contamination, remove contaminated soil for remediation or disposal, in accordance with local regulations. Notify relevant authorities in accordance with all applicable regulations. See Section 13 for information on appropriate disposal. Dike far ahead of spill for later recovery or disposal.

Recommended measures are based on the most likely spillage scenarios for this material; however local conditions and regulations may influence or limit the choice of appropriate actions to be taken.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Wash thoroughly after handling. Use good personal hygiene practices and wear appropriate personal protective equipment (see section 8).

Spills will produce very slippery surfaces. Do not enter confined spaces such as tanks or pits without following proper entry procedures. Do not wear contaminated clothing or shoes.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep container(s) tightly closed and properly labeled. Use and store this material in cool, dry, well-ventilated areas. Store only in approved containers. Keep away from any incompatible material (see Section 10). Protect container(s) against physical damage. Before working on or in tanks which contain or have contained this material, refer to appropriate guidance pertaining to cleaning, repairing, welding, or other contemplated operations. Indoor storage should meet Country or Committee standards and appropriate fire codes.

### 7.3. Specific end use(s)

Refer to supplemental exposure scenarios if attached.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational Exposure Limits:

Chemical Name	ACGIH	Ireland	United Kingdom	Phillips 66
Potassium hydroxide	Ceiling: 2 mg/m <sup>3</sup>	STEL: 2 mg/m <sup>3</sup>	STEL: 2 mg/m <sup>3</sup>	---
Sodium molybdate	TWA-8hr: 0.5 mg/m <sup>3</sup> respirable particulate matter	TWA-8hr: 10 mg/m <sup>3</sup> inhalable fraction TWA-8hr: 0.5 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup> inhalable fraction and vapour STEL: 1.5 mg/m <sup>3</sup> respirable fraction	TWA-8hr: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	---
1,2-Propanediol	---	TWA-8hr: 10 mg/m <sup>3</sup> particulates TWA-8hr: 150 ppm total vapour and particulates TWA-8hr: 470 mg/m <sup>3</sup> total vapour and particulates STEL: 1410 mg/m <sup>3</sup> particulates	TWA-8hr: 150 ppm total particulates and vapour TWA-8hr: 474 mg/m <sup>3</sup> total particulates and vapour TWA-8hr: 10 mg/m <sup>3</sup> particulates	---

Chemical Name	ACGIH	Ireland	United Kingdom	Phillips 66
		STEL: 30 mg/m <sup>3</sup> STEL: 450 ppm total vapour and particulates		

STEL = Short Term Exposure Limit (15 minutes); TWA = Time Weighted Average (8 hours); --- = No Occupational Exposure Limit

**Biological Limit Values:** None

Chemical Name	ACGIH	European Union	United Kingdom
Potassium hydroxide	---	---	---

None = No Biological Limit Value

## 8.2. Exposure controls

**Engineering controls:** If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits, additional engineering controls may be required.

**Eye/Face Protection:** The use of eye protection that meets or exceeds EN 166 is recommended to protect against potential eye contact, irritation, or injury. Depending on conditions of use, close fitting eye protection and a face shield may be necessary.

**Skin/Hand Protection:** The use of gloves impervious to the specific material handled that comply with EN 374 is advised to prevent skin contact. Users should check with manufacturers to confirm the breakthrough performance of their products. Suggested protective materials: Nitrile rubber

**Respiratory Protection:** Respiratory protection is not normally required under intended conditions of use. Emergencies or conditions that could result in significant airborne exposures may require the use of approved respiratory protection. An industrial hygienist or other appropriate health and safety professional should be consulted for specific guidance under these situations.

**Environmental Exposure Controls:** Not applicable

**Suggestions provided in this section for exposure control and specific types of protective equipment are based on readily available information. Users should consult with the specific manufacturer to confirm the performance of their protective equipment. Specific situations may require consultation with industrial hygiene, safety, or engineering professionals.**

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Data represent typical values and are not intended to be specifications. N/A = Not Applicable; N/D = Not Determined

<b>Appearance:</b>	pink, Clear and bright
<b>Physical Form:</b>	Liquid
<b>Odour:</b>	Pungent
<b>Odour Threshold:</b>	N/D
<b>pH</b>	8.5
<b>Melting/Freezing Point:</b>	0 °C
<b>Initial Boiling Point/Range:</b>	100
<b>Flash Point:</b>	N/D
<b>Evaporation Rate (nBuAc=1):</b>	N/D
<b>Flammability (solid, gas):</b>	N/A
<b>Upper Explosive Limits (vol % in air):</b>	N/D
<b>Lower Explosive Limits (vol % in air):</b>	N/D
<b>Vapour Pressure:</b>	N/D
<b>Relative Vapour Density (air=1):</b>	N/D
<b>Relative Density (water=1):</b>	N/D
<b>Solubility (ies):</b>	N/D
<b>Partition Coefficient (n-octanol/water) (Kow):</b>	N/D
<b>Auto-ignition Temperature:</b>	N/D

Decomposition Temperature:	N/D
Viscosity:	4.31 cSt @ 100°C; 4.32 cSt @ 40°C
Explosive Properties:	N/D
Oxidising Properties:	N/D

## 9.2. Other information

Pour Point:	N/D
Bulk Density:	9.1 lbs/gal

## SECTION 10: Stability and reactivity

10.1. Reactivity	Not chemically reactive.
10.2. Chemical stability	Stable under normal ambient and anticipated conditions of use.
10.3. Possibility of hazardous reactions	Hazardous reactions not anticipated.
10.4. Conditions to avoid	Extended exposure to high temperatures can cause decomposition.
10.5. Incompatible materials	Avoid contact with strong oxidizing agents and strong reducing agents.
10.6. Hazardous decomposition products	Not anticipated under normal conditions of use.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Substance / Mixture

Acute Toxicity	Hazard	Additional Information	LC50/LD50 Data
Inhalation	Unlikely to be harmful		>5 mg/L (mist, estimated)
Dermal	Unlikely to be harmful		> 2 g/kg (estimated)
Oral	Unlikely to be harmful		> 5 g/kg (estimated)

**Likely Routes of Exposure:** Inhalation, eye contact, skin contact

**Aspiration Hazard:** Not expected to be an aspiration hazard.

**Skin Corrosion/Irritation:** Causes mild skin irritation.

**Serious Eye Damage/Irritation:** Causes mild eye irritation.

**Skin Sensitisation:** No information available on the mixture, however none of the components have been classified for skin sensitisation (or are below the concentration threshold for classification).

**Respiratory Sensitisation:** No information available.

**Specific Target Organ Toxicity (Single Exposure):** No information available on the mixture, however none of the components have been classified for target organ toxicity (or are below the concentration threshold for classification).

**Specific Target Organ Toxicity (Repeated Exposure):** No information available on the mixture, however none of the components have been classified for target organ toxicity (or are below the concentration threshold for classification).

**Carcinogenicity:** No information available on the mixture, however none of the components have been classified for carcinogenicity (or are below the concentration threshold for classification).

**Germ Cell Mutagenicity:** No information available on the mixture, however none of the components have been classified for germ cell mutagenicity (or are below the concentration threshold for classification).

**Reproductive Toxicity:** No information available on the mixture, however none of the components have been classified for

reproductive toxicity (or are below the concentration threshold for classification).

**Boric acid (H3BO3)**

Reproductive Toxicity: This product contains low levels of boric acid and/or borates. Boric acid administered at high doses repeatedly in the diet of animals has been demonstrated to cause adverse reproductive effects and when administered to pregnant animals, developmental effects were observed in the fetuses at maternally toxic doses. For both reproductive and developmental toxicity the specific concentration limit (SCL) for boric acid in mixtures is 5.5%.

**SECTION 12: Ecological information**

**12.1. Toxicity**

Not expected to be harmful to aquatic life

**12.2. Persistence and degradability**

Not expected to persist in the environment if spilled or released.

**12.3. Bioaccumulative potential**

Not expected to bioaccumulate.

**12.4. Mobility in soil**

Substance is expected to possess low mobility in soil.

**12.5. Results of PBT and vPvB assessment**

Not a PBT or vPvB substance.

**12.6. Other adverse effects**

None anticipated.

**German Water Hazard Information:** hazard class 1 - low hazard to waters

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

This code has been assigned based upon the most common uses for this material and may not reflect contaminants resulting from actual use. Waste generators/producers are responsible for assessing the actual process used when generating the waste and its contaminants in order to assign the proper waste disposal code.

**Empty Containers:** Container contents should be completely used and containers emptied prior to discard. Empty drums should be properly sealed and promptly returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with applicable regulations.

**SECTION 14: Transport information**

<b>14.1. UN number</b>	Not regulated
<b>14.2. UN proper shipping name</b>	None
<b>14.3. Transport hazard class(es)</b>	None
<b>14.4. Packing group</b>	None
<b>14.5. Environmental hazards</b>	This product does not meet the DOT/UN/IMDG/IMO criteria of a marine pollutant
<b>14.6. Special precautions for user</b>	None
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

No additional regulatory information specific to the substance/mixture.

**Export Rating:** NLR (No Licence Required)

### 15.2. Chemical safety assessment

A chemical safety assessment has not been carried out for the substance/mixture.

## SECTION 16: Other information

<b>Issue date</b>	06-Feb-2020
<b>Status:</b>	FINAL
<b>Previous Issue Date:</b>	17-Jul-2015
<b>Revised Sections or Basis for Revision:</b>	Format change Periodic review and update
<b>Safety Data Sheet Number:</b>	828841
<b>Language:</b>	BE

### List of Relevant Hazard Statements:

H302 - Harmful if swallowed  
H303 - May be harmful if swallowed  
H314 - Causes severe skin burns and eye damage  
H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H360 - May damage fertility or the unborn child  
H412 - Harmful to aquatic life with long lasting effects

### Guide to Abbreviations:

ACGIH = American Conference of Governmental Industrial Hygienists; ADR = Agreement on Dangerous Goods by Road; BMGV = Biological Monitoring Guidance Value; CASRN = Chemical Abstracts Service Registry Number; CEILING = Ceiling Limit; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA = [US] Environmental Protection Agency; Germany-TRGS = Technical Rules for Dangerous Substances; IARC = International Agency for Research on Cancer; ICAO/IATA = International Civil Aviation Organisation / International Air Transport Association; INSHT = National Institute for Health and Safety at Work; IMDG = International Maritime Dangerous Goods; Ireland-HSA = Ireland's National Health and Safety Authority; LEL = Lower Explosive Limit; MARPOL = Marine Pollution; N/A = Not Applicable; N/D = Not Determined; NTP = [US] National Toxicology Programme; PBT = Persistent, Bioaccumulative and Toxic; RID = Regulations Concerning the International Transport of Dangerous Goods by Rail; STEL = Short Term Exposure Limit; TLV = Threshold Limit Value; TRGS 903 = Technical rules for hazardous substances; TWA = Time Weighted Average; UEL = Upper Explosive Limit; UK-EH40 = United Kingdom EH40/2005 OEL; vPvB = very Persistent, very Bioaccumulative

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