

# SAFETY DATA SHEET

Issuing Date 14-Apr-2014

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Revision Number 0

## Section 1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Product Code(s)** 64383  
**Product Name** Rogers Premium Lubricant

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

**Recommended Use** Lubricant  
**Uses advised against** No information available

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

Company	Supplier
Manufactured by:	The Safariland Group
Radiator Specialty Company	Attn: Tim Sparks
600 Radiator Road	13386 International Parkway
Indian Trail, NC 28079	Jacksonville, FL 32218
TEL: 704-684-1811	TEL: 800-347-1200
	FAX: 800-366-1669

### For further information, please contact

**E-mail Address** No information available.

### 1.4. Emergency telephone number

**Emergency Telephone Number** RMPDC: 877-740-5015  
303-623-5716

**Europe** 112

## Section 2. Hazards identification

### 2.1. - Classification of the substance or mixture

#### REGULATION (EC) No 1272/2008

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2

#### Physical Hazards

None

#### Classification according to EU Directives 67/548/EEC or 1999/45/EC

For the full text of the R-phrases mentioned in this Section, see Section 16

The preparation is non-dangerous in accordance with Directive 1999/45/EC

### 2.2. Label Elements



Signal Word

Warning

**Hazard Statements**

H315 - Causes skin irritation  
 H319 - Causes serious eye irritation  
 H411 - Toxic to aquatic life with long lasting effects  
 EUH210 - Safety data sheet available on request

**Precautionary Statements**

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water  
 P321 - Specific treatment (see supplemental first aid instructions on this label)  
 P332 + P313 - If skin irritation occurs: Get medical advice/ attention  
 P362 - Take off contaminated clothing and wash before reuse  
 P264 - Wash face, hands and any exposed skin thoroughly after handling  
 P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection  
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P337 + P313 - If eye irritation persists: Get medical advice/ attention  
 Dispose of contents/ container to an approved incineration plant  
 P273 - Avoid release to the environment  
 P501 - Dispose of contents/ container to an approved waste disposal plant  
 P391 - Collect spillage

**2.3. Other information**

None known

## Section 3. Composition/information on ingredients

**3.1. Substances**

Not applicable

**3.2. Mixtures**

Chemical Name	EC-No	CAS-No	Weight %	Classification	EU - GHS Substance Classification	REACH No.
2,6-Di-tert-butyl-p-cresol	204-881-4	128-37-0	1-5	Xn;R22 Xi;R36/38 R53	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Aquatic Chronic 4 (H413)	No data available

**For the full text of the R-phrases mentioned in this Section, see Section 16**

**For the full text of the H-Statements mentioned in this Section, see Section 16**

## Section 4. First aid measures

**4.1. Description of first-aid measures**

**Eye Contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation persists.

**Skin Contact** Wash skin with soap and water. If skin irritation or rash occurs: Get medical advice/attention.

**Ingestion** Clean mouth with water and afterwards drink plenty of water.

**Inhalation** Move to fresh air.

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

**Most Important Symptoms/Effects** Irritation.

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

**Notes to Physician** Treat symptomatically.

### **Section 5. Fire-fighting measures**

#### **5.1. Extinguishing media**

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Extinguishing media which must not be used for safety reasons**

None

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

**Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**

None in particular.

#### **5.3. Advice for firefighters**

**Special protective equipment for fire-fighters**

As in any fire, wear self-contained breathing apparatus and full protective gear.

### **Section 6. Accidental release measures**

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

Use personal protective equipment. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

#### **6.2. Environmental precautions**

Do not allow material to contaminate ground water system. Prevent product from entering drains.

#### **6.3. Methods and materials for containment and cleaning up**

Dike far ahead of liquid spill for later disposal.

Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Use personal protective equipment. Sweep up and shovel into suitable containers for disposal.

#### **6.4. Reference to other sections**

See Section 12 for additional information.

### **Section 7. Handling and storage**

#### **7.1. Precautions for Safe Handling**

**Handling**

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

**Hygiene Measures**

When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

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

Keep container tightly closed in a dry and well-ventilated place.

#### **7.3. Specific end use(s)**

**Exposure Scenario**

No information available.

**Other Guidelines**

No information available.

## Section 8. Exposure controls/personal protection

**8.1. Control parameters****Exposure Limits**

Chemical Name	EU	The United Kingdom	France	Spain	Germany
2,6-Di-tert-butyl-p-cresol 128-37-0			VME: 10 mg/m <sup>3</sup>		MAK: 20 mg/m <sup>3</sup> Ceiling / Peak: 40 mg/m <sup>3</sup>
Chemical Name	Italy	Portugal	The Netherlands	Finland	Denmark
2,6-Di-tert-butyl-p-cresol 128-37-0		TWA: 2 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup> STEL: 20 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
2,6-Di-tert-butyl-p-cresol 128-37-0	MAK: 10 mg/m <sup>3</sup>	MAK: 10 mg/m <sup>3</sup>			TWA: 10 mg/m <sup>3</sup>

**Derived No Effect Level** No information available  
**Predicted No Effect Concentration (PNEC)** No information available.

**8.2. Exposure controls**

**Engineering Measures** Showers, eyewash stations, and ventilation systems.  
**Personal protective equipment**

- Eye Protection** Tightly fitting safety goggles.
- Skin and Body Protection** Wear suitable protective clothing
- Hand Protection** Protective gloves.
- Respiratory Protection** When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**Environmental Exposure Controls** No information available.

## Section 9. Physical and chemical properties

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

**Physical State** No information available.      **Appearance** No information available  
**Odor** No information available.

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
<b>pH</b>	No data available	None known
<b>Melting Point/Range</b>	No data available	None known
<b>Boiling Point/Boiling Range</b>	No data available	None known
<b>Flash Point</b>	121 °C / 249.8 °F	None known
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Vapor Pressure</b>	No data available	None known
<b>Vapor Density</b>	No data available	None known
<b>Relative Density</b>	0.90	None known
<b>Water Solubility</b>	No data available	None known

<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition Temperature</b>	No data available	None known
<b>Decomposition Temperature</b>	No data available	None known
<b>Viscosity</b>	No data available	None known
<b>Explosive Properties</b>	No information available	
<b>Oxidizing Properties</b>	No information available	

**9.2. Other information**

<b>VOC Content (%)</b>	No information available
<b>Flammability Limits in Air</b>	No information available.

## Section 10. Stability and reactivity

**10.1. Reactivity**

No data available.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

None under normal processing.

**10.4. Conditions to avoid**

High temperatures.

**10.5. Incompatible materials**

Strong oxidizing agents.

**10.6. Hazardous decomposition products**

Carbon oxides.

## Section 11. Toxicological information

**11.1.****Acute Toxicity****Product Information**

Product does not present an acute toxicity hazard based on known or supplied information.

**Inhalation**

There is no data available for this product.

**Eye Contact**

Causes serious eye irritation.

**Skin Contact**

Causes skin irritation.

**Ingestion**

There is no data available for this product.

**Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Bis(2-ethylhexyl) adipate	= 5600 mg/kg ( Rat )	= 8410 mg/kg ( Rabbit )	
2,6-Di-tert-butyl-p-cresol	890 mg/kg ( Rat )	-	-

**Sensitization**

No information available.

**Mutagenic Effects**

No information available.

**Carcinogenic Effects**

Contains no ingredient listed as a carcinogen

**Reproductive Toxicity**

No information available.

**Developmental Toxicity**

No information available.

**STOT - single exposure**

No information available.

**STOT - repeated exposure**

No information available.

<b>Target Organ Effects</b>	Eyes. Skin.
<b>Aspiration Hazard</b>	No information available.

## Section 12. Ecological information

### 12.1. Toxicity

#### Ecotoxicity Effects

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
2,6-Di-tert-butyl-p-cresol	EC50 72 h: = 6 mg/L (Pseudokirchneriella subcapitata) EC50 72 h: > 0.42 mg/L (Desmodesmus subspicatus)	LC50 48 h: = 5 mg/L (Oryzias latipes)	EC50 = 7.82 mg/L 5 min EC50 = 8.57 mg/L 15 min EC50 = 8.98 mg/L 30 min	

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential.

Chemical Name	Log Pow
2,6-Di-tert-butyl-p-cresol	4.17

### 12.4. Mobility in soil

Adsorbs on soil.

### 12.5. Results of PBT and vPvB assessment

No information available.

### 12.6. Other adverse effects

This product does not contain any known or suspected endocrine disruptors.

## Section 13. Disposal considerations

### 13.1. Waste treatment methods

<b>Waste from Residues / Unused Products</b>	Dispose of in accordance with local regulations.
<b>Contaminated Packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.
<b>Other Information</b>	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

## Section 14. Transport information

### IMDG/IMO

14.1. UN-Number	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Marine Pollutant	None.
14.6. Special Provisions	None.
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available.

### RID

14.1. UN-Number	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

### ADR

14.1. UN-Number	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

### ICAO

14.1. UN-Number	Not regulated.
14.2. Proper shipping name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

### IATA

14.1. UN-Number	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

## Section 15. Regulatory information

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

#### International Inventories

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<b>TSCA</b>	Complies
<b>EINECS/ELINCS</b>	Not determined
<b>DSL/NDSL</b>	Complies
<b>PICCS</b>	Not determined
<b>ENCS</b>	Not determined
<b>IECSC</b>	Not determined
<b>AICS</b>	Not determined
<b>KECL</b>	Not determined

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**15.2. Chemical Safety Assessment**

No information available

**Section 16. Other information****Full text of R-phrases referred to under Sections 2 and 3**

No information available

**Full text of H-Statements referred to under sections 2 and 3**

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H413 - May cause long lasting harmful effects to aquatic life

**Key literature references and sources for data**

[www.ChemADVISOR.com/](http://www.ChemADVISOR.com/)

**Issuing Date** 14-Apr-2014

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**Revision Note** Initial Release.

**This safety data sheet complies with the requirements of Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No. 1907/2006**

**General Disclaimer**

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End of Safety Data Sheet