

# SUPER COOLANT

## Safety Data Sheet

Issue date: 12/19/2024 Version: 1.1

### SECTION 1: Identification

#### 1.1. Identification

Product identifier : **SUPER COOLANT**  
Product code : 10640  
Product form : Mixture

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Coolant additive.

#### 1.3. Supplier

Lucas Oil Products, Inc.  
3199 Harrison Way NW  
Corydon, Indiana 47112 USA  
Toll Free: (800) 342-2512  
Tel: (951) 270-0154  
Fax: (951) 270-1902  
www.LucasOil.com

#### 1.4. Emergency telephone number

ChemTel 24 hours/day 365 days/year  
1-800-255-3924 (USA, Canada, Puerto Rico, US Virgin Islands)  
+1-813-248-0585 (International)

### SECTION 2: Hazard(s) identification

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

##### GHS classification

Skin corrosion/irritation Category 2	H315	Causes skin irritation.
Serious eye damage/eye irritation Category 2A	H319	Causes serious eye irritation.
Specific target organ toxicity – Single exposure, Category 3, (respiratory tract irritation)	H335	May cause respiratory irritation.
Reproductive toxicity Category 2	H361	Suspected of damaging fertility or the unborn child.

Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS labeling

Hazard pictograms:



Signal word:

DANGER

Hazard statements:

H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.  
H335 - May cause respiratory irritation.  
H361 - Suspected of damaging fertility or the unborn child.  
P201 - Obtain special instructions before use.  
P271 - Use only outdoors or in a well-ventilated area.  
P261 - Avoid breathing mist, spray, vapors.  
P261 - Avoid breathing mist, mist, spray, vapors.  
P280 - Wear protective gloves, eye protection.

Precautionary statements

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P302+P352+P332+P313 - IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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.

P308+P313 - If exposed or concerned: Get medical advice/attention.

P312 - Call a doctor if you feel unwell.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

P501 - Dispose in a safe manner in accordance with local/national regulations

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity

25.07% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)

25.07% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

26.9% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Chemical name	Chemical identifier	%	GHS classification
Potassium 2-Ethylhexanoate	CAS#: 3164-85-0	15 – 40	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Repr. 2, H361 STOT SE 3, H335
Sodium Tolytriazole	CAS# 64665-57-2	1 – 5	Acute Tox. 4 (Oral), H302 Skin Corr. 1C, H314 Eye Dam. 1, H318 STOT SE 3, H335

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor/physician.
First-aid measures after skin contact	: Wash with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

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First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects : Causes skin irritation. Suspected of damaging fertility or the unborn child.  
Symptoms/effects after inhalation : May cause respiratory irritation.  
Symptoms/effects after eye contact : Causes serious eye irritation.

### 4.3. Immediate medical attention and special treatment, if necessary

No additional information available

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.  
Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Specific hazards arising from the chemical

No additional information available

### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.  
Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe mist, spray, vapors. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist, spray, vapors. Use only outdoors or in a well-ventilated area.
Hygiene measures	: Wash hands, forearms and face thoroughly after handling. Wash contaminated clothing before reuse.

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

Technical measures	: Comply with applicable regulations.
Storage conditions	: Keep only in the original container in a cool, well-ventilated place. Keep container tightly closed.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Direct sunlight.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

No additional information available

#### 8.3. Individual protection measures/Personal protective equipment

##### Personal protective equipment:

Avoid all unnecessary exposure.

##### Hand protection:

Wear protective gloves.

##### Eye protection:

Chemical goggles or face shield

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator

##### Personal protective equipment symbol(s):



##### Other information:

Do not eat, drink or smoke during use.

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### SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Color	: Blue
Odor	: Slight
Odor threshold	: No data available
pH	: 10.52
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Density	: 1.063
Solubility	: Miscible in water
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Thermal decomposition generates : Corrosive vapors.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

None under normal use.

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

#### 10.5. Incompatible materials

Strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

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Unknown acute toxicity (GHS US)	25.07% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 25.07% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 26.9% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation(Dust/Mist))
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#### Sodium Tolytriazole (64665-57-2)

LD50 oral rat	1980 mg/kg (Source: EPA_HP V)
LD50 dermal rabbit	> 2000 mg/kg (Source: EPA_HP V)
ATE US (oral)	1980 mg/kg body weight

Skin corrosion/irritation : Causes skin irritation.  
Serious eye damage/irritation : Causes serious eye irritation.  
Respiratory or skin sensitization : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Suspected of damaging fertility or the unborn child.  
STOT-single exposure : May cause respiratory irritation.

#### Potassium 2-Ethylhexanoate (3164-85-0)

STOT-single exposure	May cause respiratory irritation.
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#### Sodium Tolytriazole (64665-57-2)

STOT-single exposure	May cause respiratory irritation.
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STOT-repeated exposure : Not classified  
Aspiration hazard : Not classified  
Viscosity, kinematic : No data available

### SECTION 12: Ecological information

#### 12.1. Toxicity

No additional information available

#### 12.2. Persistence and degradability

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Persistence and degradability	Not established.
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#### Potassium 2-Ethylhexanoate (3164-85-0)

Persistence and degradability	Not established.
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### Sodium Tolyltriazole (64665-57-2)

Persistence and degradability	Rapidly degradable
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### 12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
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### Potassium 2-Ethylhexanoate (3164-85-0)

Bioaccumulative potential	Not established.
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### Sodium Tolyltriazole (64665-57-2)

Partition coefficient n-octanol/water (Log Pow)	(1.083 - <=1.091 - at 25 °C (at pH >5-<6)
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### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
Ecological information : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
<b>14.1. UN number</b>		
Not regulated	Not regulated	Not regulated
<b>14.2. Proper Shipping Name</b>		
Not regulated	Not regulated	Not regulated
<b>Transport document description</b>		
Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>		
Not regulated	Not regulated	Not regulated

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DOT	IMDG	IATA
<b>14.4. Packing group</b>		
Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>		
Not regulated	Not regulated	Not regulated
No supplementary information available		

### 14.6. Special precautions for user

No information available.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are listed on the TSCA inventory or are exempt from listing.

### 15.2. International regulations

No additional information available

### 15.3. US State regulations

California Prop.65 - No listed ingredients present at regulated levels.

## SECTION 16: Other information

Revision date: 12/19/2024

Version: 1.1

Full text of H-phrases	
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H361	Suspected of damaging fertility or the unborn child

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.