

Product Identification Santotrac® 50 Traction Lubricant

Date of issue 16.05.2019

Supersedes: 29.06.2017

Version 2021

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

1.1 Product identifier

Product form: Mixture
Trade name: Santotrac® 50 Traction Lubricant

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

1.2.1. Relevant identified uses

Industrial/Professional use spec: Industrial
For professional use only
Use of the substance/mixture: Lubricant

1.2.2. Uses advised against

No additional information available

1.3 Details of the supplier of the safety data sheet

Supplier/Manufacturer:
SantoLubes LLC
PO Box 6740 Ph. +1 864-596-1553
Spartanburg, SC 29304 – United States Email sburian@santolubes.com

Representative Switzerland:
Eckert AG, Lochrütistrasse 16 Ph. +41 55 253 5070
CH – 8633 Wolfhausen Email info@eckert.swiss

1.4 Emergency telephone number

National Swiss Emergency Phone: +41 145
Non urgent inquiry: Swiss poisons information centre : +41(0)44 251 66 66, Email: info@toxi.ch

2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Skin corrosion/irritation, Category 2 H315
Serious eye damage/eye irritation, Category 2 H319
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation H335
Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412

Full text of H-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]



Hazard pictograms (CLP): GHS07

Signal word (CLP): Warning
Hazardous ingredients: Cyclohexane, 1,1'-(1,1,3-trimethyl-1,3-propanediyl)bis
Hazard statements (CLP): H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation
H412 - Harmful to aquatic life with long lasting effects
Precautionary statements (CLP): P261 - Avoid breathing fume, mist, spray, vapours
P264 - Wash hands thoroughly after handling
P271 - Use only outdoors or in a well-ventilated area
P273 - Avoid release to the environment
P280 - Wear protective gloves, protective clothing, eye protection
P302+P352 - IF ON SKIN: Wash with plenty of water

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<p>2.3 Other hazards not contributing to the classification No additional information available</p>			
<p>3. Composition/information on ingredients</p>			
<p>3.1 Substances Not applicable</p>			
<p>3.2 Mixture</p>			
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 (CLP)
Cyclohexane, 1,1'-(1,1,3-trimethyl-1,3-propanediyl)bis-	(CAS-No.) 38970-72-8 (EC no) 254-227-7	89,22	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
Zinc, bis[O,O-bis(dodecylphenyl) phosphorodithioato-S,S']-	(CAS-No.) 54261-67-5 (EC no) 259-048-8	1	Eye Irrit. 2, H319 Aquatic Chronic 3, H412
2,6-Di-tert-butyl-4-methylphenol	(CAS-No.) 128-37-0 (EC-No.) 204-881-4 (REACH-no) Not available	0,89	Aquatic Chronic 3, H410
Phenol, (tetrapropenyl) derivatives	(CAS-No.) 74499-35-7 (EC Index-No.) 604-092-00-9 (REACH-no) not available	0,16	Repr. 1B, H360F Skin Corr. 1C, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)
<p>Full text of R- and H-phrases: see section 16</p>			
<p>4. First Aid Measures</p>			
<p>4.1 Description of first aid measures</p>			
First-aid measures general:	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).		
First-aid measures after inhalation:	In all cases of doubt, or if victim feels unwell seek medical attention. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.		
First-aid measures after skin contact:	Wash contaminated clothing before reuse. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.		
First-aid measures after eye contact:	Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.		
First-aid measures after ingestion:	Rinse mouth. Do NOT induce vomiting. Get medical advice/attention if you feel unwell.		
<p>4.2 Most important symptoms and effects, both acute and delayed</p>			
Symptoms/effects after inhalation:	May cause respiratory irritation.		
Symptoms/effects after skin contact:	Causes skin irritation.		
Symptoms/effects after eye contact:	Causes serious eye irritation.		
Symptoms/effects after ingestion:	May be harmful if swallowed. May cause stomach pain or discomfort.		
<p>4.3 Indication of any immediate medical attention and special treatment needed Treat symptomatically.</p>			
<p>5. Firefighting Measures</p>			
<p>5.1 Extinguishing media</p>			
Suitable extinguishing media:	Use extinguishing media appropriate for surrounding fire.		
Unsuitable extinguishing media:	None known.		
<p>5.2 Special hazards arising from the substance or mixture</p>			
Fire hazard:	Minimal fire hazard.		
Explosion hazard:	None known.		

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<p>Reactivity in case of fire: None known.</p> <p>Hazardous decomposition products in case of fire: Carbon dioxide. Carbon monoxide. Low molecular weight hydrocarbons. Fumes.</p>																		
<p>5.3. Advice for firefighters</p> <p>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.</p> <p>Protective equipment for firefighters: Do not enter fire area without proper protective equipment, including respiratory protection.</p>																		
<p>6. Accidental release measures</p> <p>6.1 Personal precautions, protective equipment and emergency procedures</p> <p>General measures: Avoid contact with skin, eyes and clothing.</p> <p>6.1.1. For non-emergency personnel</p> <p>Protective equipment: Use personal protective equipment as required.</p> <p>Emergency procedures: Evacuate unnecessary personnel.</p> <p>6.1.2. For emergency responders</p> <p>Protective equipment: Equip cleanup crew with proper protection.</p> <p>Emergency procedures: Ventilate area.</p> <p>6.2. Environmental precautions</p> <p>Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.</p> <p>6.3. Methods and material for containment and cleaning up</p> <p>Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage.</p> <p>6.4. Reference to other sections</p> <p>See Heading 8. Exposure controls and personal protection. For disposal of residues refer to section 13: Disposal considerations.</p>																		
<p>7. Handling and Storage</p> <p>7.1 Precautions for safe handling</p> <p>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 vapour. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.</p> <p>7.2. Conditions for safe storage, including any incompatibilities</p> <p>Storage conditions: Store in a dry, cool and well-ventilated place. Keep container tightly closed.</p> <p>Incompatible materials: Strong oxidizing agents.</p> <p>7.3. Specific end use(s)</p> <p>No additional information available.</p>																		
<p>8. Exposure control and personal protection</p> <p>8.1. Control parameters</p> <p>2,6-di-tert-butyl-p-cresol (128-37-0)</p> <table border="0"> <tr> <td>Austria</td> <td>MAK (mg/m³)</td> <td>10 mg/m³</td> </tr> <tr> <td>Belgium</td> <td>Limit value (mg/m³)</td> <td>10 mg/m³</td> </tr> <tr> <td>Bulgaria</td> <td>OEL TWA (mg/m³)</td> <td>10 mg/m³</td> </tr> <tr> <td>Bulgaria</td> <td>OEL STEL (mg/m³)</td> <td>50 mg/m³</td> </tr> <tr> <td>Croatia</td> <td>GVI (granična vrijednost izloženosti) (mg/m³)</td> <td>10 mg/m³</td> </tr> <tr> <td>Denmark</td> <td>Grænseværdie (langvarig) (mg/m³)</td> <td>10 mg/m³</td> </tr> </table>	Austria	MAK (mg/m ³)	10 mg/m ³	Belgium	Limit value (mg/m ³)	10 mg/m ³	Bulgaria	OEL TWA (mg/m ³)	10 mg/m ³	Bulgaria	OEL STEL (mg/m ³)	50 mg/m ³	Croatia	GVI (granična vrijednost izloženosti) (mg/m ³)	10 mg/m ³	Denmark	Grænseværdie (langvarig) (mg/m ³)	10 mg/m ³
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Finland	HTP-arvo (8h) (mg/m ³)	10 mg/m ³
Finland	HTP-arvo (15 min)	20 mg/m ³
France	Local name	2,6-Di-tert-butyl-p-crésol
France	VME (mg/m ³)	10 mg/m ³
France	Note (FR)	Valeurs recommandées/admises
Greece	OEL TWA (mg/m ³)	10 mg/m ³
Ireland	OEL (8 hours ref) (mg/m ³)	10 mg/m ³
Netherlands	Grenswaarde TGG 8H (mg/m ³)	10 mg/m ³
Portugal	OEL TWA (mg/m ³)	2 mg/m ³ (inhalable fraction, aerosol and vapor)
Slovenia	OEL TWA (mg/m ³)	10 mg/m ³ (inhalable fraction)
United Kingdom	Local name	2,6-Di-tert-butyl-p-cresol
United Kingdom	WEL TWA (mg/m ³)	10 mg/m ³
United Kingdom	WEL STEL (mg/m ³)	30 mg/m ³ (calculated)
Switzerland	MAK (mg/m ³)	10 mg/m ³ (inhalable dust)

8.2. Exposure controls

Appropriate engineering controls: Provide local exhaust or general room ventilation to minimize vapour concentrations. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Hand protection: Impermeable protective gloves. (to European standard EN 374 or equivalent)

Eye protection: Chemical goggles or safety glasses. (to European standard EN 166 or equivalent)

Skin and body protection: Wear suitable protective clothing

Respiratory protection: In case of inadequate ventilation wear respiratory protection

Other information: Do not eat, drink or smoke during use.

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid

Appearance: Clear to slightly hazy yellow liquid.

Colour: Yellow.

Odour: Faint odour

Odour threshold: No data available

pH: No data available

Rel. evaporation rate (butyl acetate=1): No data available

Melting point: No data available

Freezing point: No data available

Boiling point: No data available

Flash point: No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Flammability (solid, gas): Non flammable

Vapour pressure: No data available

Relative vapour density at 20 °C: No data available

Relative density: No data available

Density: 0.88 - 0.92 g/cm³ @ 25°C

Solubility: Water: Very low @ 25°C

Log Pow: No data available

Viscosity, kinematic: 32 cSt @ 100°F

Viscosity, dynamic: No data available

Explosive properties: No data available

Oxidising properties: No data available

Explosive limits: No data available

9.2 Other Data

No additional information available.

10. Stability and reactivity

10.1 Reactivity

The product is stable at normal handling and storage conditions.

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10.2 Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Not applicable.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

Thermal decomposition generates: Fumes. Carbon monoxide. Carbon dioxide. Low molecular weight hydrocarbons.

11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity (oral):	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal):	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation):	Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation:	Causes skin irritation.
Serious eye damage/irritation:	Causes serious eye irritation.
Respiratory or skin sensitisation:	Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity:	Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity:	Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity:	Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure:	May cause respiratory irritation.
STOT-repeated exposure:	Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard:	Not classified (Based on available data, the classification criteria are not met)

12. Ecological Information

12.1 Toxicity

Ecology - general:	Harmful to aquatic life with long lasting effects.
Acute aquatic toxicity:	Not classified
Chronic aquatic toxicity:	Harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

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Persistence and degradability:	Biodegradability of this material was classified as slow to resistant.
Biodegradation:	7 – 21% 24-hour semi-continuous activated sludge test (SCAS)

12.3. Bioaccumulative potential

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Bioaccumulative potential	Moderate.
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12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information:	Avoid release to the environment.
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13. Disposal Considerations

13.1 Waste treatment methods

Product/Packaging disposal recommendations:	Dispose of contents/container to comply with applicable local, national and International regulation.
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Ecology - waste materials: Avoid release to the environment.

14. Transport Information

In accordance with ADR / RID / IMDG / IATA / ADN

	ADR	IMDG	IATA	AND	RID
14.1. UN number	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

No supplementary information available

14.6. Special precautions for user

14.6.1. Overland transport

Not regulated

14.6.2. Transport by sea

Not regulated

14.6.3. Air transport

Not regulated

14.6.4. Inland waterway transport

Not regulated

14.6.5. Rail transport

Not regulated

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

15. Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

Germany

VwVwS Annex reference:

Water hazard class (WGK) 3, severe hazard to waters (Classification according to VwVwS, Annex 4)

12th Ordinance Implementing the Federal

Immission Control Act - 12.BImSchV:

Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

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Netherlands

SZW-lijst van kankerverwekkende stoffen: None of the components are listed
SZW-lijst van mutagene stoffen: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting
giftige stoffen – Borstvoeding: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting
giftige stoffen – Vruchtbaarheid: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting
giftige stoffen – Ontwikkeling: Phenol, (tetrapropenyl) derivatives is listed

Denmark

Recommendations Danish Regulation: Young people below the age of 18 years are not allowed to use the
product Pregnant/breastfeeding women working with the product must
not be in direct contact with the product

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

16. Other Information

Sources of Key data: According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU)
2015/830.

Other information: None.

Full text of H- and EUH-statements:

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Repr. 1B	Reproductive toxicity, Category 1B
Skin Corr. 1C	Skin corrosion/irritation, Category 1C
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
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
H360F	May damage fertility
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
STOT SE 3	H335	Calculation method
Aquatic Chronic 3	H412	Calculation method

SDS EU (REACH Annex II)

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.