

Product Identification Santotrac® 50 Traction Lubricant

Date of issue 09.03.2015

Supersedes: 10.10.2012

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

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

Eckert AG, Lochrütistrasse 16 Ph. +41 55 253 5090
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]
Carc. 1B H350
Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Carc.Cat.2; R45
Full text of R-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):



GHS08

Signal word (CLP):

Danger

Hazardous ingredients :

Distillates (petroleum), hydrotreated heavy paraffinic, Distillates, petroleum, hydrotreated middle

Hazard statements (CLP):

H350 - May cause cancer

Precautionary statements (CLP):

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P280 - Wear eye protection, protective clothing, protective gloves
P308+P313 - IF exposed or concerned: Get medical advice/attention
P405 - Store locked up
P501 - Dispose of contents/container to comply with applicable local, national and international regulation.

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2.3 Other hazards No additional information available			
3. Composition/information on ingredients			
3.1 Substance Not applicable			
3.2 Mixture			
Name	Product identifier	%	Classification according to Directive 67/548/EEC
Distillates (petroleum), hydrotreated heavy paraffinic*	(CAS No) 64742-54-7 (EC no) 265-157-1 (EC index no) 649-467-00-8	0.5 - 1.2	Carc.Cat.2; R45 Xn; R65
Distillates (petroleum), solvent-dewaxed heavy paraffinic	(CAS No) 64742-65-0 (EC no) 265-169-7 (EC index no) 649-474-00-6		
Distillates (petroleum), solvent-dewaxed light paraffinic	(CAS No) 64742-56-9 (EC no) 265-159-2 (EC index no) 649-469-00-9		
Zinc bis[bis(dodecylphenyl)] bis(dithiophosphate)	(CAS No) 54261-67-5 (EC no) 259-048-8	0 - 1	R52/53
Phenol, (tetrapropenyl) derivatives	(CAS No) 74499-35-7 (EC no) 616-100-8	0 - 0.2	Repr.Cat.2; R60 Xi; R36/38 N; R50/53
Distillates, petroleum, hydrotreated middle	CAS No) 64742-46-7 (EC no) 265-148-2 (EC index no) 649-221-00-X	0 - 0.1	Carc.Cat.2; R45
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Distillates (petroleum), hydrotreated heavy paraffinic*	(CAS No) 64742-54-7 (EC no) 265-157-1 (EC index no) 649-467-00-8	0.5 - 1.2	Carc. 1B, H350 Asp. Tox. 1, H304
Distillates (petroleum), solvent-dewaxed heavy paraffinic	(CAS No) 64742-65-0 (EC no) 265-169-7 (EC index no) 649-474-00-6		
Distillates (petroleum), solvent-dewaxed light paraffinic	(CAS No) 64742-56-9 (EC no) 265-159-2 (EC index no) 649-469-00-9		
Zinc bis[bis(dodecylphenyl)] bis(dithiophosphate)	(CAS No) 54261-67-5 (EC no) 259-048-8	0 - 1	Aquatic Chronic 3, H412
Phenol, (tetrapropenyl) derivatives	(CAS No) 74499-35-7 (EC no) 616-100-8	0 - 0.2	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Repr. 1B, H360F Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Distillates, petroleum, hydrotreated middle	(CAS No) 64742-46-7 (EC no) 265-148-2 (EC index no) 649-221-00-X	0 - 0.1	Carc. 1B, H350
* Distillates (petroleum), hydrotreated heavy paraffinic (EC No. 265-157-1), distillates (petroleum), solvent-dewaxed heavy paraffinic (EC 265-169-7) and distillates (petroleum), solvent-dewaxed light paraffinic (EC 265-159-2) are used as interchangeable oils at the same concentration range. Full text of R- and H-phrases: see section 16			
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 you feel unwell, seek medical advice (show the label where possible).			

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First-aid measures after inhalation:	Allow victim to breathe fresh air. Allow the victim to rest. In all cases of doubt, or if victim feels unwell seek medical attention.
First-aid measures after skin contact:	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash contaminated clothing before reuse.
First-aid measures after eye contact:	Rinse immediately with plenty of water for 15 minutes. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion:	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2 Most important symptoms and effects, both acute and delayed
 Symptoms/injuries: May cause cancer.
 Symptoms/injuries after inhalation: Unlikely route of exposure.
 Symptoms/injuries after skin contact: May cause slight irritation to the skin.
 Symptoms/injuries after eye contact: May cause moderate irritation.

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

5. Firefighting Measures

5.1 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 Special hazards arising from the substance or mixture
 Hazardous decomposition products in case of fire: Carbon dioxide. Carbon monoxide. Low molecular weight hydrocarbons. Fume.

5.3 Advice for firefighters
 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.
 Protective equipment for firefighters: Do not enter fire area without proper protective equipment, including respiratory protection.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
 General measures: Avoid contact with skin, eyes and clothing.

6.1.1. For non-emergency personnel
 Protective equipment: Use personal protective equipment as required.
 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.

7. Handling and Storage

7.1 Precautions for safe handling

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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.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

Incompatible materials: Strong oxidizing agents.

7.3. Specific end use(s)

No additional information available.

8. Exposure control and personal protection

8.1. Control parameters

2,6-di-tert-butyl-p-cresol (128-37-0)

Ireland	OEL (8 hours ref) (mg/m ³)	10 mg/m ³
United Kingdom	WEL TWA (mg/m ³)	10 mg/m ³
United Kingdom	WEL STEL (mg/m ³)	30 mg/m ³ (calculated)
Switzerland	VME (mg/m ³)	10 mg/m ³ (inhalable)

8.2. Exposure controls

Appropriate engineering controls: Ensure adequate ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal protective equipment: Avoid all unnecessary exposure. Protective goggles. Gloves. Protective clothing.

Hand protection: Wear protective gloves

Eye protection: Chemical goggles or safety glasses

Skin and body protection: Wear suitable protective clothing

Respiratory protection: If the occupational exposure limit is exceeded: Wear appropriate mask

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 odor.
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/cm ³ @ 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

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<p>9.2 Other Data No additional information available.</p>	
<p>10. Stability and reactivity</p> <p>10.1 Reactivity The product is stable at normal handling and storage conditions.</p> <p>10.2 Chemical stability The product is stable at normal handling and storage conditions.</p> <p>10.3. Possibility of hazardous reactions Hazardous polymerization will not occur.</p> <p>10.4. Conditions to avoid Not applicable.</p> <p>10.5. Incompatible materials No additional information available</p> <p>10.6. Hazardous decomposition products Thermal decomposition generates: Fume. Carbon monoxide. Carbon dioxide. Low molecular weight hydrocarbons.</p>	
<p>11. Toxicological Information</p> <p>11.1 Information on toxicological effects</p> <p>Acute toxicity: Not classified Based on available data, the classification criteria are not met.</p> <p>Santotrac® 50 Traction Lubricant LD50 oral rat > 15800 mg/kg LD50 dermal rabbit > 7940 mg/kg</p> <p>2,6-di-tert-butyl-p-cresol (128-37-0) LD50 oral rat 890 mg/kg LD50 oral 650 mg/kg (mouse) LD50 dermal rat > 2000 mg/kg</p> <p>Skin corrosion/irritation: Not classified Based on available data, the classification criteria are not met</p> <p>Serious eye damage/irritation: Not classified Based on available data, the classification criteria are not met</p> <p>Respiratory or skin sensitisation: Not classified Based on available data, the classification criteria are not met</p> <p>Germ cell mutagenicity: Not classified Based on available data, the classification criteria are not met</p> <p>Carcinogenicity: May cause cancer.</p> <p>Reproductive toxicity: Not classified Based on available data, the classification criteria are not met</p> <p>Specific target organ toxicity (single exposure): Not classified Based on available data, the classification criteria are not met</p> <p>Specific target organ toxicity (repeated exposure): Not classified Based on available data, the classification criteria are not met</p> <p>Aspiration hazard: Not classified Based on available data, the classification criteria are not met</p> <p>Santotrac® 50 Traction Lubricant Viscosity, kinematic 32 mm²/s @ 100°F</p> <p>Potential Adverse human health effects and symptoms: Based on available data, the classification criteria are not met.</p>	

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12. Ecological Information

12.1 Toxicity

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LC50 fish 1 > 1000 mg/l (Exposure time: 96 h - Species: Fathead minnow)

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

Santotrac® 50 Traction Lubricant

Biocoaccumulative potential The bioaccumulation potential in bluegill sunfish was measured over a 32-day period. It was determined that this material has a moderate potential to bioaccumulate in this aquatic species.

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

13. Disposal Considerations

13.1 Waste treatment methods

Waste disposal recommendations: Dispose of contents/container to comply with applicable local, national and International regulation.

Ecology - waste materials: Avoid release to the environment.

14. Transport Information

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

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (ADR): Not applicable

Proper Shipping Name (IMDG): Not applicable

Proper Shipping Name (IATA): Not applicable

Proper Shipping Name (ADN): Not applicable

Proper Shipping Name (RID): Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR): Not applicable

IMDG

Transport hazard class(es) (IMDG): Not applicable

IATA

Transport hazard class(es) (IATA): Not applicable

ADN

Transport hazard class(es) (ADN): Not applicable

RID

Transport hazard class(es) (RID): Not applicable

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14.4. Packing group

Packing group (ADR):	Not applicable
Packing group (IMDG):	Not applicable
Packing group (IATA):	Not applicable
Packing group (ADN):	Not applicable
Packing group (RID):	Not applicable

14.5. Environmental hazards

Dangerous for the environment:	No
Marine pollutant:	No
Other information:	No supplementary information available

14.6. Special precautions for user

14.6.1. Overland transport

No additional information available

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

14.6.4. Inland waterway transport

Not subject to ADN:	No
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14.6.5. Rail transport

Carriage prohibited (RID):	No
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14.7. Transport in bulk according to Annex II of MARPOL 73/78 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 substances with Annex XVII restrictions
 Santotrac® 50 Traction Lubricant is not on the REACH Candidate List
 Contains no substance on the REACH candidate list
 Contains no REACH Annex XIV substances

Other information, restriction and prohibition regulations:	Compliance with following regulations: Directive 1999/45/EC as amended. Directive 67/548/EEC as amended. Regulation (EC) 1272/2008 as amended. Regulation (EC) 1907/2006 as amended.
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15.2. Chemical safety assessment

No chemical safety assessment has been carried out

16. Other Data

Abbreviations and acronyms:

- ATE - acute toxicity estimate
- CAS - Chemical Abstracts Service
- CLP - Classification, Labelling and Packaging
- CSR - Chemical Safety Report
- EEC - European Economic Community
- GHS - Globally Harmonised System
- PBT - Persistent, Bioaccumulative and Toxic substance
- REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals
- STEL- Short-Term Exposure Limit
- TWA- Time Weighted Average
- vPvB - Very Persistent and Very Bioaccumulative

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Sources of Key data: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information: None.

Full text of R-, H- and EUH-phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
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
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 1B	Carcinogenicity, Category 1B
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Repr. 1B	Reproductive toxicity, Category 1B
Skin Irrit. 2	Skin corrosion/irritation Category 2
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation
H350	May cause cancer
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
R36/38	Irritating to eyes and skin
R45	May cause cancer
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R60	May impair fertility
R65	Harmful: may cause lung damage if swallowed
N	Dangerous for the environment
Xi	Irritant
Xn	Harmful

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.