


1 Identification

- **Product identifier**
- **Trade name: CHAINLUBE ALLROUND**
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture**
Only for proper handling.
Lubrication, anticorrosive
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
MOTOREX AG
Bern-Zürich-Strasse 31, Postfach
CH-4901 Langenthal
Tel. +41 (0)62 919 75 75
www.motorex.com

A1 Accessory Imports
60-62 Burchill St.
Loganholme
4129 QLD
Australia
Phone : 07 3451 1300
- **Further information obtainable from:** msds@motorex.com
- **Emergency telephone number:**
In case of a medical emergency following exposure to a chemical, call Poisons Information Centre Australia 13 11 26

2 Hazard(s) Identification

- **Classification of the substance or mixture**
Skin Sens. 1 H317 May cause an allergic skin reaction.
-
- **Label elements**
 - **GHS label elements**
The product is classified and labelled according to the Globally Harmonised System (GHS).
 - **Hazard pictograms**
- 

GHS07
- **Signal word** Warning
 - **Hazard-determining components of labelling:**
Polysulfides, di-tert-dodecyl
 - **Hazard statements**
H317 May cause an allergic skin reaction.
 - **Precautionary statements**
 - P101 If medical advice is needed, have product container or label at hand.
 - P102 Keep out of reach of children.
 - P103 Read label before use.
 - P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 - P280 Wear protective gloves.
 - P362+P364 Take off contaminated clothing and wash it before reuse.
 - P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 - P321 Specific treatment (see on this label).

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P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition and Information on Ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 72623-86-0 EINECS: 276-737-9 Index number: 649-482-00-X	Lubricating oils, C15-30, hydrotreated neutral oil-based Asp. Tox. 1, H304	50-70%
CAS: 1000172-11-1 EC number: 700-184-9	Pentadecane, 7-methylene mixed with 1-tetradecene, dimers and trimers, hydrogenated Asp. Tox. 1, H304	25-50%
CAS: 68425-15-0 EINECS: 270-335-7	Polysulfides, di-tert-dodecyl Skin Sens. 1B, H317	1%
CAS: 68413-48-9 EINECS: 270-220-1	Dibutyl [[bis[(2-ethylhexyl)oxy]phosphinothioyl]thio] succinate Skin Sens. 1B, H317	≥0.25-<1%

- **Additional information:**

Note L: The classification as carcinogen does not apply because the mixture (or substance) contains less than 3% dimethyl sulfoxide extract (DMSO), measured according to IP 346.
For the wording of the listed hazard phrases refer to section 16.

4 First Aid Measures

- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:**
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire Fighting Measures

- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Protective equipment:** No special measures required.

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures** Not required.

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- **Environmental precautions:**

Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.

- **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.

- **Reference to other sections**

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and Storage

- **Handling:**

- **Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

- **Information about fire - and explosion protection:** No special measures required.

- **Storage:**

- **Requirements to be met by storerooms and receptacles:** No special requirements.

- **Information about storage in one common storage facility:** Not required.

- **Further information about storage conditions:**

The recommended storage temperature is (deg.C): ≤50°C

- **Storage class:** 10

- **Specific end use(s)** No further relevant information available.

8 Exposure controls and personal protection

- **Additional information about design of technical facilities:** No further data; see section 7.

- **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **DNELs**

72623-86-0 Lubricating oils, C15-30, hydrotreated neutral oil-based

Inhalative	DNEL / Workers / Local Effects / Long-term	5.4 mg/m ³ /8h (worker)
	DNEL/general population/Local effects/Long-term	1.2 mg/m ³ /24h (consumer)

68425-15-0 Polysulfides, di-tert-dodecyl

Oral	DNEL/general population/Systemic effects/Long-term	1.66 mg/kg/24h (consumer)
Dermal	DNEL / Workers / Systemic effects / Long-term	33.3 mg/kg/24h (worker)
	DNEL/general population/Systemic effects/Long-term	16.66 mg/kg/24h (consumer)
Inhalative	DNEL / Workers / Systemic effects / Long-term	23.5 mg/m ³ (worker)
	DNEL/general population/Systemic effects/Long-term	5.8 mg/m ³ (consumer)

- **PNECs**

68425-15-0 Polysulfides, di-tert-dodecyl

Oral	PNEC / Predators / Secondary poisoning	66.7 mg/kg food (secondary poisoning (predators))
	PNEC/Aquatic organisms/Sewage treatment plant/STP	1,000 mg/l (aquatic organisms)

- **Additional information:** The lists valid during the making were used as basis.

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- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
- **Respiratory protection:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
Not necessary if room is well-ventilated.
Respiratory protection if formation of aerosol or mist: use mask with filter type A2, A2/P2 or ABEK.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Goggles recommended during refilling
- **Body protection:** Protective work clothing

9 Physical and Chemical Properties

- **General Information**
- **Appearance:**
- **Form:** Fluid
- **Colour:** Yellow-brown
- **Odour:** Characteristic
- **Odour threshold:** Not determined.
- **pH-value:** Not determined.
- **Change in condition**
- **Melting point/freezing point:** Undetermined.
- **Initial boiling point and boiling range:** Undetermined.
- **Flash point:** >150 °C
- **Flammability (solid, gas):** Not applicable.
- **Decomposition temperature:** Not determined.
- **Explosive properties:** Product does not present an explosion hazard.
- **Explosion limits:**
- **Lower:** Not determined.
- **Upper:** Not determined.
- **Vapour pressure:** Not determined.
- **Density at 20 °C:** 0.832 g/cm³ (ASTM D 4052)
- **Relative density** Not determined.
- **Vapour density** Not determined.
- **Evaporation rate** Not determined.

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- **Solubility in / Miscibility with**
- **water:** Not miscible or difficult to mix.
- **Partition coefficient: n-octanol/water:** Not determined.
- **Viscosity:**
- **Dynamic:** Not determined.
- **Kinematic:** 35 mm²/s @ 40 °C
- **Solvent separation test:**
- **VOC (EC)** 0.00 %
- **Other information** No further relevant information available.

10 Stability and Reactivity

- **Reactivity** No further relevant information available.
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

72623-86-0 Lubricating oils, C15-30, hydrotreated neutral oil-based

Oral	LD50	5,000 mg/kg (rat)
	LOAEL	125 mg/kg/24h (rat)
Dermal	LD50	2,000-5,000 mg/kg (rabbit)
	NOAEL	150 mg/kg/24h (mouse)
		30-2,000 mg/kg/24h (rat)
		1,000 mg/kg/24h (rabbit)
Inhalative	LOAEL	100 mg/kg/24h (mouse)
	LC50 / 4h	2.18-5.53 mg/l (rat)
	NOEL	220 mg/m ³ (rat)
	NOAEL	980 mg/m ³ (rat)

68425-15-0 Polysulfides, di-tert-dodecyl

Oral	LD50	19,550 mg/kg (rat)
	NOAEL	1,000 mg/kg/24h (rat)
Dermal	LD50	2,000 mg/kg (rat)
	NOAEL	1,000 mg/kg/24h (rat)
Inhalative	LC50 / 4h	15.5 mg/l (rat)

68413-48-9 Dibutyl [[bis[(2-ethylhexyl)oxy]phosphinothioyl]thio]succinate

Oral	LD50	11,300 mg/kg (rat) (OECD 401)
	NOAEL	1,000 mg/kg (rat)

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** May cause an allergic skin reaction.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.

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- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

12 Ecological Information

· Toxicity

· Aquatic toxicity:

72623-86-0 Lubricating oils, C15-30, hydrotreated neutral oil-based

LL50 10,000 mg/l/96h (aquatic invertebrates)
100 mg/l/96h (fish)

LL50 10,000 mg/l/72h (aquatic invertebrates)

LL50 10,000 mg/l/48h (aquatic invertebrates)

LL50 10,000 mg/l/24h (aquatic invertebrates)

EL50 10,000 mg/l/48h (aquatic invertebrates)

68425-15-0 Polysulfides, di-tert-dodecyl

LC50 100 mg/l/96h (fish)

LC0 100 mg/l/96h (fish)

LL50 100 mg/l/96h (fish)

NOEC 0.08 mg/l/72h (algae / cyanobacteria)

10-10,000 mg/l/72h (microorganisms)

NOEC 100 mg/l/96h (fish)

NOEC 0.1 mg/l/48h (aquatic invertebrates)

68413-48-9 Dibutyl [[bis[(2-ethylhexyl)oxy]phosphinothioyl]thio]succinate

EC50 >100 mg/l/72h (*Desmodesmus subspicatus*) (OECD 201)

EC50 >100 mg/l/48h (*Daphnia Magna*) (OECD 202)

LL50 >100 mg/l/96h (rainbow trout) (OECD 203)

- **Persistence and degradability** No further relevant information available.

· Behaviour in environmental systems:

· Bioaccumulative potential

72623-86-0 Lubricating oils, C15-30, hydrotreated neutral oil-based

Partition coefficient >6 [---] (log Kow) (Bioaccumulation)

68425-15-0 Polysulfides, di-tert-dodecyl

Partition coefficient 6.2-12.45 [---] (log Kow) (Bioaccumulation)

68413-48-9 Dibutyl [[bis[(2-ethylhexyl)oxy]phosphinothioyl]thio]succinate

Partition coefficient 6.5 [---] (log Kow) (Bioaccumulation) (OECD 117)

Biodegradability 12.1 % (28d) (Biodegradability) (OECD 301 B)

- **Mobility in soil** No further relevant information available.

· Additional ecological information:

· General notes:

Water hazard class 2 (according to Appendix 1 AWSV): significantly hazardous to water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

· Results of PBT and vPvB assessment

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

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· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact waste processors for recycling information.

Return product and/or partially emptied container in original packaging to the point of sale or hand it over to a collection point for special waste.

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· **UN-Number**· **ADG, IMDG, IATA**

Not classified as hazardous for transport

· **UN proper shipping name**· **ADG, IMDG, IATA**

Not classified as hazardous for transport

· **Transport hazard class(es)**· **ADG, ADN, IMDG, IATA**· **Class**

Not classified as hazardous for transport

· **Packing group**· **ADG, IMDG, IATA**

Not classified as hazardous for transport

· **Environmental hazards:**

Not applicable.

· **Special precautions for user**

Not applicable.

· **Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

· **UN "Model Regulation":**

Not classified as hazardous for transport

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**· **Australian Inventory of Industrial Chemicals**

72623-86-0	Lubricating oils, C15-30, hydrotreated neutral oil-based
1000172-11-1	Pentadecane, 7-methylene mixed with 1-tetradecene, dimers and trimers, hydrogenated
68425-15-0	Polysulfides, di-tert-dodecyl
64742-53-6	Distillates (petroleum), hydrotreated light naphthenic
261767-39-9	Fatty acids, C8-18 and C18-unsatd., polymers with adipic acid and pentaerythritol
68413-48-9	Dibutyl [[bis[(2-ethylhexyl)oxy]phosphinothioyl]thio]succinate
68442-68-2	benzenamine, N-phenyl-, styrenated
64742-55-8	Distillates (petroleum), hydrotreated light paraffinic
72623-86-0	Lubricating oils, C15-30, hydrotreated neutral oil-based

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72623-87-1	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based
268567-32-4	Propanoic acid, 3-[[bis(2-methylpropoxy)phosphinothiyl]thio]-2-methyl-
64743-00-6	Hydrocarbon waxes (petroleum), oxidized
61789-86-4	Calcium petroleum sulfonate, synthetic, neutral
1809-19-4	dibutyl phosphonate
29385-43-1	methyl-1H-benzotriazole
105-75-9	dibutyl fumarate
61789-86-4	Calcium petroleum sulfonate, synthetic, neutral

· Standard for the Uniform Scheduling of Medicines and Poisons

None of the ingredients is listed.

· Australia: Priority Existing Chemicals

None of the ingredients is listed.

· Directive 2012/18/EU
· Named dangerous substances - ANNEX I None of the ingredients is listed.

· Chemical safety assessment: A Chemical Safety Assessment has been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The classification of the mixture was carried out by calculation in accordance with the rules laid down in Annex I of Regulation (EC) No 1272/2008.

No special training instructions to ensure protection of human health and environment are required.

· purity requirement
· Relevant phrases

H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.

· Department issuing SDS: Abteilung Produktsicherheit

· Contact:
· Abbreviations and acronyms:

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1B: Skin sensitisation – Category 1B

Asp. Tox. 1: Aspiration hazard – Category 1

· * Data compared to the previous version altered.

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