

1 Identification

- **Product identifier**
- **Trade name:** RACING PRO 4T SAE 0W/30
- **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.
Engine oil
- **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**
The product is not classified, according to the Globally Harmonised System (GHS).
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **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.
- **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: 1000172-11-1 EC number: 700-184-9 | Pentadecane, 7-methylene mixed with 1-tetradecene, dimers and trimers, hydrogenated Asp. Tox. 1, H304 | 5-10% |
|---|--|-------|

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| | | |
|--|---|------------|
| | Mineral oils (mixture) Asp. Tox. 1, H304 | ≥2.5-≤7.5% |
| CAS: 64742-54-7 EINECS: 265-157-1 Index number: 649-467-00-8 | Distillates (petroleum), hydrotreated heavy paraffinic Asp. Tox. 1, H304 | 1-3% |
| CAS: 84605-29-8 EINECS: 283-392-8 | Phosphorodithioic acid, mixed O,O-bis (1,3-diethylbutyl and iso-Pr)esters, zinc salts Eye Dam. 1, H318; Skin Irrit. 2, H315 | ≥1-<2.5% |
| EC number: 947-519-7 | Reaction products of benzenesulfonic acid, mono-C20- 24 (even)-sec-alkyl derivs. Para-, calcium salts Skin Sens. 1B, H317 | ≥0.1-≤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:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **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.
- **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.
- **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.

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7 Handling and Storage

- **Handling:**
- **Precautions for safe handling** No special measures required.
- **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

84605-29-8 Phosphorodithioic acid, mixed O,O-bis (1,3-diethylbutyl and iso-Pr)esters, zinc salts

| | | |
|------------|--|---------------------------|
| Oral | DNEL/general population/Systemic effects/Long-term | 0.24 mg/kg/24h (consumer) |
| Dermal | DNEL / Workers / Systemic effects / Long-term | 12.1 mg/kg/24h (worker) |
| | DNEL/general population/Systemic effects/Long-term | 6.1 mg/kg/24h (consumer) |
| Inhalative | DNEL / Workers / Systemic effects / Long-term | 8.31 mg/m3 (worker) |
| | DNEL/general population/Systemic effects/Long-term | 2.11 mg/m3 (consumer) |

· PNECs

84605-29-8 Phosphorodithioic acid, mixed O,O-bis (1,3-diethylbutyl and iso-Pr)esters, zinc salts

| | | |
|------|---|--|
| Oral | PNEC / Predators / Secondary poisoning | 10.67 mg/kg food (secondary poisoning (predators)) |
| | PNEC / Aquatic organisms / Freshwater | 0.004 mg/l (aquatic organisms) |
| | PNEC / Aquatic organisms / Marine water | 0.0046 mg/l (aquatic organisms) |
| | PNEC / Aquatic org / intermittent releases (freshwater) | 0.045 mg/l (aquatic organisms) |
| | PNEC / Aquatic organisms / Sewage treatment plant / STP | 100 mg/l (aquatic organisms) |
| | PNEC / Aquatic organisms / Sediment (freshwater) | 0.02203 mg/kg (aquatic organisms) |
| | PNEC / Aquatic organisms / Sediment (marine water) | 0.002203 mg/kg (aquatic organisms) |
| | PNEC / Terrestrial organism / Soil | 0.00206 mg/kg (terrestrial organisms) |

- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
- **Respiratory protection:**
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.

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· **Protection of hands:**

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:**

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:**

>200 °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:**

0.886 g/cm³ (ASTM D 4052)

· **Relative density**

Not determined.

· **Vapour density**

Not determined.

· **Evaporation rate**

Not determined.

· **Solubility in / Miscibility with**

· **water:**

Not miscible or difficult to mix.

· **Partition coefficient: n-octanol/water:**

Not determined.

· **Viscosity:**

· **Dynamic:**

Not determined.

· **Kinematic:**

61.5 mm²/s @ 40 °C

· **Solvent separation test:**

· **VOC (EC)**

0.02 %

· **Other information**

No further relevant information available.

10 Stability and Reactivity

· **Reactivity** No further relevant information available.

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- **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:

64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic

| | | |
|---|-----------|----------------------------|
| 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) |
| | LOAEL | 1,000 mg/kg/24h (rabbit) |
| Inhalative | NOAEL | 100 mg/kg/24h (mouse) |
| | LC50 / 4h | 2.18-5.53 mg/l (rat) |
| | NOEL | 220 mg/m3 (rat) |
| | NOAEL | 980 mg/m3 (rat) |
| 84605-29-8 Phosphorodithioic acid, mixed O,O-bis (1,3-diethylbutyl and iso-Pr)esters, zinc salts | | |
| Oral | NOEL | 40 mg/kg/24h (rat) |
| | NOAEL | 160 mg/kg/24h (rat) |
| Dermal | LD50 | 2,002 mg/kg (rat) |
| Inhalative | LC50 / 4h | 2.3 mg/l (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** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **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:

64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic

| | |
|------|---|
| 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) |

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| | |
|---|--|
| EL50 | 10,000 mg/l/48h (aquatic invertebrates) |
| 84605-29-8 Phosphorodithioic acid, mixed O,O-bis (1,3-diethylbutyl and iso-Pr)esters, zinc salts | |
| LOEC | 0.8 mg/l/21d (aquatic invertebrates) |
| LC50 | 46 mg/l/96h (fish) |
| EC50 | 10,000 mg/l/3h (microorganisms) |
| LL50 | 4.5 mg/l/96h (fish) |
| EL50 | 23 mg/l/48h (aquatic invertebrates) |
| EL50 | 21-24 mg/l/72h (algae / cyanobacteria) |
| NOEC | 0.4-0.8 mg/l/21d (aquatic invertebrates) |
| NOELR | 1.8 mg/l/96h (fish) |
| NOELR | 10 mg/l/48h (aquatic invertebrates) |
| Reaction products of benzenesulfonic acid, mono-C20-24 (even)-sec-alkyl derivs. Para-, calcium salts | |
| LC50 | >1,000 mg/l/96h (Pimephales promelas) >100 mg/l/96h (rainbow trout) |
| EC50 | >1,000 mg/l/96h (algae) |

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

- **Behaviour in environmental systems:**

- **Bioaccumulative potential**

| | |
|---|--|
| 64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic | |
| Partition coefficient | >6 [---] (log Kow) (Bioaccumulation) |
| 84605-29-8 Phosphorodithioic acid, mixed O,O-bis (1,3-diethylbutyl and iso-Pr)esters, zinc salts | |
| Partition coefficient | 0.56 [---] (log Kow) (Bioaccumulation) |

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

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (according to Appendix 1 AwSV): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **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.

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14 Transport information

| | |
|--|---|
| · UN-Number · ADG, ADN, IMDG, IATA | Not classified as hazardous for transport |
| · UN proper shipping name · ADG, ADN, 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**

| | |
|--------------|---|
| 68037-01-4 | PAO 6 |
| 126-57-8 | 2-ethyl-2-[[[(1-oxononyl)oxy]methyl]propane-1,3-diyl dinonan-1-oate |
| 1000172-11-1 | Pentadecane, 7-methylene mixed with 1-tetradecene, dimers and trimers, hydrogenated |
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic |
| 84605-29-8 | Phosphorodithioic acid, mixed O,O-bis (1,3-diethylbutyl and iso-Pr)esters, zinc salts |
| 68958-92-9 | Bis[O,O-bis(2-ethylhexyl)dithiophosphato-S,S']dioxodi-u-thioxodimolybdän |
| 36878-20-3 | Reaction products of Benzeneamine, N-phenyl- with nonene (branched) |
| 80939-62-4 | Amine, C11-14-branched alkyl, Monoxyl and dibutyl phosphate |
| 64742-52-5 | Distillates (petroleum), hydrotreated heavy naphthenic |
| 91273-04-0 | N,N-bis(2-ethylhexyl)-((1,2,4-triazol-1-yl)methyl)amine |
| 142-16-5 | Bis(2-ethylhexyl)maleat |
| 25307-17-9 | 2,2'-(9-octadecenylimino)bisethanol |
| 122-39-4 | diphenylamine |
| 106-20-7 | bis(2-ethylhexyl)amine |
| 288-88-0 | 1,2,4-triazole |
| 108-31-6 | maleic anhydride |

· **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.

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· **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.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

· **Department issuing SDS:** Abteilung Produktsicherheit

· **Contact:**

· **Abbreviations and acronyms:**

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – 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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