MOTOREX*
Oil of Switzerland

Revision: 03.02,2023

Printing date 02.02.2024

Version number 2.1

1 Identification

· Product identifier

· Trade name: SCOOTER 2T

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

No further relevant information available.

· Application of the substance / the mixture

Engine oil

Only for proper handling.

· 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
- · 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 componen	its:	
EC number: 926-141-6	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cycloalkanes,	10-25%
	<2% aromatics	
	Asp. Tox. 1, H304; Flam. Lig. 4, H227	

· Regulation (EC) No 648/2004 on detergents / Labelling for contents

aliphatic hydrocarbons ≥15 - <30%

· 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.

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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:

Remove residues with soap and water.

Remove contaminated clothing immediately.

· After eye contact:

Rinse opened eye for several minutes under running water.

Consult a physician if irritation develops.

· After swallowing:

Do not induce vomitting. Do not take in resorption stimulating agents.

Consult a physician who will decide on need and method of emptying the stomach.

- 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:

Carbon dioxide, dry chemical and foam protein.

Use fire extinguishing methods suitable to surrounding conditions.

- · For safety reasons unsuitable extinguishing agents: DO NOT USE WATER JET
- · Special hazards arising from the substance or mixture

In case of fire carbon, sulphur and nitrogen oxides can be formed.

· Protective equipment: No special measures required.

6 Accidental Release Measures

- · Personal precautions, protective equipment and emergency procedures Not required.
- · Environmental precautions: 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).

· Reference to other sections

No dangerous substances are released.

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

Vapours of this product are heavier than air and will collect in low areas such as pits, storage tanks, and other confined areas.

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.

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Further information about storage conditions:

Store containers closed and protect against rain, dust, heat and other atmospheric influences.

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

Store in cool, dry well ventilated area away from sources of ignition and heat.

- 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.

- · 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.

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:

Fluid · Form: · Colour: Green

· 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. · Pouring point -18.7 °C Flash point: 109 °C Flammability (solid, gas): Not applicable. · Decomposition temperature: Not determined.

• Explosive properties: Product does not present an explosion hazard.

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· Explosion limits:

· Lower: Not determined. · Upper: Not determined. · Vapour pressure: Not determined.

Density at 20 °C: 0.86 g/cm3 (ASTM D 4052)

Relative density Not determined. · Vapour density Not determined. · Evaporation rate Not determined.

Solubility in / Miscibility with

Not miscible or difficult to mix.

· Partition coefficient: n-octanol/water: Not determined.

· Viscosity:

Dynamic: Not determined. · Kinematic: 57.7 mm²/s @ 40 °C 9.1 mm²/s @ 100 °C

· Solvent separation test:

· VOC (EC) 19.79 %

· 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 Other easily oxidised non-ferrous metals.
- · 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:	
Undergraphene C11 C14 malkanes is alleged	

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics			
Oral	LD50	5,000 mg/kg (rat)	
	NOAEL	1,000-5,000 mg/kg/24h (rat)	
Dermal	LD50	2,000 mg/kg (rabbit)	
Inhalative	LC50 / 4h	5.28 mg/l (rat)	
	NOAEL	200 ppm (rat)	
	NOAEC	275-10,400 mg/m3 (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.

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12 Ecological Information

· Toxicity

· Aquatic toxicity:		
Hydroca	arbons, C11-C14, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics	
LL50	2-5 mg/l/96h (fish)	
LL50	2-5 mg/l/48h (fish)	
LL50	5-17 mg/l/24h (fish)	
EL50	1.4 mg/l/48h (aquatic invertebrates)	
EL50	4.6 mg/l/24h (aquatic invertebrates)	
	1-3 mg/l/24h (algae / cyanobacteria)	
EL50	1-3 mg/l/72h (algae / cyanobacteria)	
EL50	0.81-0.89 mg/l/21d (aquatic invertebrates)	
NOELR	1.22 mg/l/21d (aquatic invertebrates)	
NOELR	1,000 mg/l/72h (algae / cyanobacteria)	

- · Persistence and degradability No further relevant information available.
- Behaviour in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- · 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.

4 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
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· 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: · Marine pollutant:	No
· Special precautions for user	Not applicable.
Transport in bulk according to Ann Marpol and the IBC Code	ex II of 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		
9003-29-6	Polybuten (Isobutylen-/Buten-Copolymer)	
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic	
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic	
8042-47-5	White mineral oil (petroleum)	
1330-20-7	xylene	
74499-36-8	9,10-Anthracenedione, 1,4-diamino-, N,N'-mixed	
	2-ethylhexyl and Me and pentyl derivs.	
29190-28-1	2,4-bis(xylylazo)resorcinol	
100-41-4	ethylbenzene	
· Standard fo	or the Uniform Scheduling of Medicines and Poisons	
1330-20-7	xylene	S6
· Australia: F	Priority Existing Chemicals	
None of the	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

H227 Combustible liquid.

H304 May be fatal if swallowed and enters airways.

· Department issuing SDS: Abteilung Produktsicherheit

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- · Contact:
- · Abbreviations and acronyms:

Flam. Liq. 4: Flammable liquids – Category 4
Asp. Tox. 1: Aspiration hazard – Category 1

* Data compared to the previous version altered.