MOTOREX\*
Oil of Switzerland
Revision: 30.10.2023

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Version number 3.1 (replaces version 3.0)

# SECTION 1: Identification of the substance/mixture and of the company/undertaking

- · 1.1 Product identifier
- · Trade name: ATV QUAD RACING 4T SAE 10W/50
- 1.2 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

- · 1.3 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

- · Further information obtainable from: msds@motorex.com
- 1.4 Emergency telephone number:

In case of a medical emergency following exposure to a chemical, the public should call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 (UK only).

### SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

- · Hazard pictograms Void
- Signal word Void
- Hazard statements

H412 Harmful to aquatic life with long lasting effects.

· Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P273 Avoid release to the environment.

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

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

# SECTION 3: Composition/information on ingredients

- · 3.2 Mixtures
- · Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:	
	2.5-7.5%

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Trade name: ATV QUAD RACING 4T SAE 10W/50

		(Contd. of page 1)
CAS: 64742-65-0 EINECS: 265-169-7	Distillates (petroleum), solvent-dewaxed heavy paraffinic	≥0.25-≤2.5%
Index number: 649-474-00-6 Reg.nr.: 01-2119471299-27	Asp. Tox. 1, H304	
CAS: 85940-28-9 EINECS: 288-917-4	Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts  Eye Dam. 1, H318; Aquatic Chronic 2, H411; Skin Irrit. 2, H315  Specific concentration limits: Skin Irrit. 2; H315: C ≥ 15%  Eye Dam. 1; H318: C ≥ 20 %  Eye Irrit. 2; H319: 15 % ≤ C < 20 %	≥0.25-<2.5%
CAS: 128-39-2 EINECS: 204-884-0 Reg.nr.: 01-2119490822-33	2,6-di-tert-butylphenol Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315	≥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.

## SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- · 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.
- 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

· 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- · Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- · 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

- · 5.3 Advice for firefighters
- · Protective equipment: No special measures required.

## SECTION 6: Accidental release measures

- · 6.1 Personal precautions, protective equipment and emergency procedures Not required.
- · 6.2 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.

· 6.3 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.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

# SECTION 7: Handling and storage

- · 7.1 Precautions for safe handling No special precautions are necessary if used correctly.
- · Information about fire and explosion protection: No special measures required.
- · 7.2 Conditions for safe storage, including any incompatibilities
- 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
- · 7.3 Specific end use(s) No further relevant information available.

## SECTION 8: Exposure controls/personal protection

- · 8.1 Control parameters
- 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			
64742-65	-0 Distillates (petroleum), solvent-dewa	xed heavy p	araffinic
Inhalative	halative DNEL		5.4 mg/m3/8h (worker)
	DNEL		1.2 mg/m3/24h (consumer)
128-39-2	2,6-di-tert-butylphenol		
Oral	DNEL/general population/Systemic effect	ts/Long-term	6.75 mg/kg/24h (consumer)
Dermal	DNEL / Workers / Systemic effects / Long	g-term	11.25 mg/kg/24h (worker)
Inhalative	DNEL / Workers / Systemic effects / Long	g-term	70.61 mg/m3 (worker)
	DNEL/general population/Systemic effec	ts/Long-term	20.9 mg/m3 (consumer)
·PNECs			
128-39-2	2,6-di-tert-butylphenol		
Oral PNE	C / Predators / Secondary poisoning	60 mg/kg (predators))	food (secondary poisoning
PNE	C / Aquatic organisms / Freshwater	0.0007-0.01	1 mg/l (aquatic organisms)
PNE	C / Aquatic organisms / Marine water	0.00007-0.011 mg/l (aquatic organisms)	
	EC/Aquatic org/intermittent ases(freshwater)	0.0045 mg/l	(aquatic organisms)
	PNEC/Aquatic organisms/Sewage treatment   10 mg/l (aquatic organisms)   plant/STP		atic organisms)
	PNEC / Aquatic organisms / Sediment 0.317-1.56 r. (freshwater)		ng/kg (aquatic organisms)
	PNEC / Aquatic organisms / Sediment 0.0317-1.56 mg/kg (aquatic organism (marine water)		mg/kg (aquatic organisms)
PNE	PNEC / Terrestrial organism / Soil		mg/kg (terrestrial organisms)

- · Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- Appropriate engineering controls No further data; see section 7.

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#### · Individual protection measures, such as 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.

#### Hand protection

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.

111.8 mm²/s @ 40 °C

- · Eye/face protection Goggles recommended during refilling
- · Body protection: Protective work clothing

## SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

General Information

· Physical state Fluid · Colour: Brown

· Odour: Characteristic Odour threshold: Not determined. • Melting point/freezing point: Undetermined.

· Boiling point or initial boiling point and

boiling range Undetermined. · Flammability Not applicable.

· Lower and upper explosion limit

Not determined. · Lower: · Upper: Not determined. · Flash point: >200 °C

Decomposition temperature: Not determined.

· pH

Not determined. · Viscosity:

· Kinematic viscosity

· Consistency Not determined.

· Dynamic:

Solubility Not miscible or difficult to mix. · water:

· Partition coefficient n-octanol/water (log

Not determined. value)

Heat Capacity

Vapour pressure: Not determined.

Density and/or relative density

Density at 20 °C: 0.854 g/cm3 (ASTM D 4052)

Relative density Not determined.

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(Contd. of page 4) · Vapour density Not determined. 9.2 Other information · Appearance: · Form: Fluid · Important information on protection of health and environment, and on safety. · Explosive properties: Product does not present an explosion hazard. · Solvent separation test: · VOC (EC) 0.00 % · Change in condition · Solidification point: -43.6 °C · Pouring point · Evaporation rate Not determined. · Information with regard to physical hazard classes · Explosives Void Flammable gases Void · Aerosols Void · Oxidising gases Void · Gases under pressure Void Flammable liquids Void Flammable solids Void · Self-reactive substances and mixtures Void · Pyrophoric liquids Void · Pyrophoric solids Void Self-heating substances and mixtures Void · Substances and mixtures, which emit flammable gases in contact with water Void · Oxidising liquids Void · Oxidising solids Void · Organic peroxides Void · Corrosive to metals Void · Desensitised explosives Void

## SECTION 10: Stability and reactivity

- · 10.1 Reactivity No further relevant information available.
- · 10.2 Chemical stability
- · Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

- · 10.3 Possibility of hazardous reactions No dangerous reactions known.
- · 10.4 Conditions to avoid No further relevant information available.
- · 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products: No dangerous decomposition products known.

## SECTION 11: Toxicological information

- · 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- · Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50	· LD/LC50 values relevant for classification:				
64742-54	64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic				
Oral	LD50	5,000 mg/kg (rat)			

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			(Contd. of page 5)
	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)	
	LOAEL	100 mg/kg/24h (mouse)	
Inhalative	LC50 / 4h	2.18-5.53 mg/l (rat)	
	NOEL	220 mg/m3 (rat)	
	NOAEL	980 mg/m3 (rat)	
64742-65-	0 Distillate	es (petroleum), solvent-dewaxed 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)	
		1,000 mg/kg/24h (rabbit)	
	LOAEL	100 mg/kg/24h (mouse)	
Inhalative	LC50 / 4h	2.18-5.53 mg/l (rat)	
	NOEL	220 mg/m3 (rat)	
	NOAEL	980 mg/m3 (rat)	
128-39-2	2,6-di-tert-l	butylphenol	
Oral	LD50	5,000 mg/kg (rat)	
	NOEL	15 mg/kg/24h (rat)	
	NOAEL	100 mg/kg/24h (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.
- 11.2 Information on other hazards

· Endocrine disrupting properties			
540-97-6	Dodecamethylcyclohexasiloxane	List II	
541-02-6	2,2,4,4,6,6,8,8,10,10-decamethylcyclopentasiloxane	List II	
556-67-2	octamethylcyclotetrasiloxane	List II; III	

## SECTION 12: Ecological information

#### · 12.1 Toxicity

· Aquat	· Aquatic toxicity:			
64742	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	LL50 10,000 mg/l/48h (aquatic invertebrates)			

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LL50   10,000 mg/l/24h (aquatic invertebrates)  64742-65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic  LL50   10,000 mg/l/96h (aquatic invertebrates)		(Contd. of page 6)		
64742-65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic  LL50	LL50	10,000 mg/l/24h (aquatic invertebrates)		
LL50	EL50	10,000 mg/l/48h (aquatic invertebrates)		
100 mg/l/96h (fish)	64742-	65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic		
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)  128-39-2 2,6-di-tert-butylphenol  LC50 1.4 mg/l/96h (fish) LC50 0.45 mg/l/48h (aquatic invertebrates) LC50 1 mg/l/14d (fish) LC50 1.1 mg/l/7d (fish) LC50 1.1 mg/l/7d (fish) LC50 0.59 mg/l/24h (aquatic invertebrates) EC50 1.7-2.3 mg/l/24h (algae / cyanobacteria) EC50 1.4-3.6 mg/l/72h (algae / cyanobacteria) EC50 1.1 mg/l/21d (aquatic invertebrates) EC50 1.7-3.5 mg/l/48h (algae / cyanobacteria) NOEC 0.035 mg/l/21d (aquatic invertebrates) NOEC 0.64-2.1 mg/l/96h (algae / cyanobacteria)	LL50	10,000 mg/l/96h (aquatic invertebrates)		
LL50				
LL50  10,000 mg/l/24h (aquatic invertebrates)  EL50  10,000 mg/l/48h (aquatic invertebrates)  128-39-2 2,6-di-tert-butylphenol  LC50  1.4 mg/l/96h (fish)  LC50  0.23 mg/l/21d (aquatic invertebrates)  LC50  1.45 mg/l/48h (aquatic invertebrates)  LC50  1 mg/l/14d (fish)  LC50  1.1 mg/l/7d (fish)  LC50  0.59 mg/l/24h (aquatic invertebrates)  EC50  1.7-2.3 mg/l/24h (algae / cyanobacteria)  EC50  1.2-3.9 mg/l/96h (algae / cyanobacteria)  EC50  1.4-3.6 mg/l/72h (algae / cyanobacteria)  EC50  1.7-3.5 mg/l/48h (algae / cyanobacteria)  NOEC  0.035 mg/l/21d (aquatic invertebrates)  NOEC  0.64-2.1 mg/l/96h (algae / cyanobacteria)	LL50	10,000 mg/l/72h (aquatic invertebrates)		
EL50   10,000 mg/l/48h (aquatic invertebrates)  128-39-2 2,6-di-tert-butylphenol  LC50   1.4 mg/l/96h (fish)  LC50   0.23 mg/l/21d (aquatic invertebrates)  LC50   0.45 mg/l/48h (aquatic invertebrates)  LC50   1 mg/l/14d (fish)  LC50   1.1 mg/l/7d (fish)  LC50   0.59 mg/l/24h (aquatic invertebrates)  EC50   1.7-2.3 mg/l/24h (algae / cyanobacteria)  EC50   1.2-3.9 mg/l/96h (algae / cyanobacteria)  EC50   1.4-3.6 mg/l/72h (algae / cyanobacteria)  EC50   0.14 mg/l/21d (aquatic invertebrates)  EC50   0.035 mg/l/21d (aquatic invertebrates)  NOEC   0.64-2.1 mg/l/96h (algae / cyanobacteria)	LL50	10,000 mg/l/48h (aquatic invertebrates)		
128-39-2 2,6-di-tert-butylphenol  LC50	LL50	10,000 mg/l/24h (aquatic invertebrates)		
LC50   1.4 mg/l/96h (fish)   LC50   0.23 mg/l/21d (aquatic invertebrates)   LC50   0.45 mg/l/48h (aquatic invertebrates)   LC50   1 mg/l/14d (fish)   LC50   1.1 mg/l/7d (fish)   LC50   0.59 mg/l/24h (aquatic invertebrates)   EC50   1.7-2.3 mg/l/24h (algae / cyanobacteria)   EC50   1.2-3.9 mg/l/96h (algae / cyanobacteria)   EC50   1.4-3.6 mg/l/72h (algae / cyanobacteria)   EC50   0.14 mg/l/21d (aquatic invertebrates)   EC50   1.7-3.5 mg/l/48h (algae / cyanobacteria)   NOEC   0.035 mg/l/21d (aquatic invertebrates)   NOEC   0.64-2.1 mg/l/96h (algae / cyanobacteria)	EL50	10,000 mg/l/48h (aquatic invertebrates)		
LC50  0.23 mg/l/21d (aquatic invertebrates) LC50  0.45 mg/l/48h (aquatic invertebrates) LC50  1 mg/l/14d (fish) LC50  1.1 mg/l/7d (fish) LC50  0.59 mg/l/24h (aquatic invertebrates) EC50  1.7-2.3 mg/l/24h (algae / cyanobacteria) EC50  1.2-3.9 mg/l/96h (algae / cyanobacteria) EC50  1.4-3.6 mg/l/72h (algae / cyanobacteria) EC50  0.14 mg/l/21d (aquatic invertebrates) EC50  1.7-3.5 mg/l/48h (algae / cyanobacteria) NOEC  0.035 mg/l/21d (aquatic invertebrates) NOEC  0.64-2.1 mg/l/96h (algae / cyanobacteria)	128-39	-2 2,6-di-tert-butylphenol		
LC50	LC50	1.4 mg/l/96h (fish)		
LC50 1.1 mg/l/14d (fish) LC50 0.59 mg/l/24h (aquatic invertebrates) EC50 1.7-2.3 mg/l/24h (algae / cyanobacteria) EC50 1.2-3.9 mg/l/96h (algae / cyanobacteria) EC50 1.4-3.6 mg/l/72h (algae / cyanobacteria) EC50 0.14 mg/l/21d (aquatic invertebrates) EC50 1.7-3.5 mg/l/48h (algae / cyanobacteria) NOEC 0.64-2.1 mg/l/96h (algae / cyanobacteria)	LC50	0.23 mg/l/21d (aquatic invertebrates)		
LC50 1.1 mg/l/7d (fish) LC50 0.59 mg/l/24h (aquatic invertebrates) EC50 1.7-2.3 mg/l/24h (algae / cyanobacteria) EC50 1.2-3.9 mg/l/96h (algae / cyanobacteria) EC50 1.4-3.6 mg/l/72h (algae / cyanobacteria) EC50 0.14 mg/l/21d (aquatic invertebrates) EC50 1.7-3.5 mg/l/48h (algae / cyanobacteria) NOEC 0.035 mg/l/21d (aquatic invertebrates) NOEC 0.64-2.1 mg/l/96h (algae / cyanobacteria)	LC50	LC50 0.45 mg/l/48h (aquatic invertebrates)		
LC50  0.59 mg/l/24h (aquatic invertebrates) EC50  1.7-2.3 mg/l/24h (algae / cyanobacteria) EC50  1.2-3.9 mg/l/96h (algae / cyanobacteria) EC50  1.4-3.6 mg/l/72h (algae / cyanobacteria) EC50  0.14 mg/l/21d (aquatic invertebrates) EC50  1.7-3.5 mg/l/48h (algae / cyanobacteria) NOEC  0.035 mg/l/21d (aquatic invertebrates) NOEC  0.64-2.1 mg/l/96h (algae / cyanobacteria)	LC50	50   1 mg/l/14d (fish)		
EC50 1.7-2.3 mg/l/24h (algae / cyanobacteria) EC50 1.2-3.9 mg/l/96h (algae / cyanobacteria) EC50 1.4-3.6 mg/l/72h (algae / cyanobacteria) EC50 0.14 mg/l/21d (aquatic invertebrates) EC50 1.7-3.5 mg/l/48h (algae / cyanobacteria) NOEC 0.035 mg/l/21d (aquatic invertebrates) NOEC 0.64-2.1 mg/l/96h (algae / cyanobacteria)	LC50	)   1.1 mg/l/7d (fish)		
EC50 1.2-3.9 mg/l/96h (algae / cyanobacteria) EC50 1.4-3.6 mg/l/72h (algae / cyanobacteria) EC50 0.14 mg/l/21d (aquatic invertebrates) EC50 1.7-3.5 mg/l/48h (algae / cyanobacteria) NOEC 0.035 mg/l/21d (aquatic invertebrates) NOEC 0.64-2.1 mg/l/96h (algae / cyanobacteria)	LC50	0.59 mg/l/24h (aquatic invertebrates)		
EC50 1.4-3.6 mg/l/72h (algae / cyanobacteria) EC50 0.14 mg/l/21d (aquatic invertebrates) EC50 1.7-3.5 mg/l/48h (algae / cyanobacteria) NOEC 0.035 mg/l/21d (aquatic invertebrates) NOEC 0.64-2.1 mg/l/96h (algae / cyanobacteria)	EC50			
EC50 0.14 mg/l/21d (aquatic invertebrates) EC50 1.7-3.5 mg/l/48h (algae / cyanobacteria) NOEC 0.035 mg/l/21d (aquatic invertebrates) NOEC 0.64-2.1 mg/l/96h (algae / cyanobacteria)	EC50	1.2-3.9 mg/l/96h (algae / cyanobacteria)		
EC50 1.7-3.5 mg/l/48h (algae / cyanobacteria)  NOEC 0.035 mg/l/21d (aquatic invertebrates)  NOEC 0.64-2.1 mg/l/96h (algae / cyanobacteria)	EC50	1.4-3.6 mg/l/72h (algae / cyanobacteria)		
NOEC 0.035 mg/l/21d (aquatic invertebrates) NOEC 0.64-2.1 mg/l/96h (algae / cyanobacteria)	EC50	EC50 0.14 mg/l/21d (aquatic invertebrates)		
NOEC 0.64-2.1 mg/l/96h (algae / cyanobacteria)	EC50	EC50 1.7-3.5 mg/l/48h (algae / cyanobacteria)		
	NOEC	NOEC 0.035 mg/l/21d (aquatic invertebrates)		
NOEC 0.3 mg/l/14d (fish)	NOEC	IOEC 0.64-2.1 mg/l/96h (algae / cyanobacteria)		
	NOEC	0.3 mg/l/14d (fish)		
LOEC 0.086 mg/kg/28d (aquatic invertebrates)	LOEC	0.086 mg/kg/28d (aquatic invertebrates)		

· 12.2 Persistence and degradability No further relevant information available.

# - 12.3 Bioaccumulative potential 64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic Partition coefficient | >6 [---] (log Kow) (Bioaccumulation) 64742-65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic Partition coefficient | >6 [---] (log Kow) (Bioaccumulation) 128-39-2 2,6-di-tert-butylphenol Partition coefficient | 4.48-4.92 [---] (log Kow) (Bioaccumulation) Biodegradability | <50 % (28d) (Biodegradability) (BIOWIN v4.10)

- 12.4 Mobility in soil No further relevant information available.
- · 12.5 Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- · 12.6 Endocrine disrupting properties

For information on endocrine disrupting properties see section 11.

- · 12.7 Other adverse effects
- · Remark: Harmful to fish
- · 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.

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Harmful to aquatic organisms

# SECTION 13: Disposal considerations

- · 13.1 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.

SECTION 14: Transport informa	tion
· 14.1 UN number or ID number · ADR/RID/ADN, ADN, IMDG, IATA	Not classified as hazardous for transport
· 14.2 UN proper shipping name · ADR/RID/ADN, ADN, IMDG, IATA	Not classified as hazardous for transport
· 14.3 Transport hazard class(es)	
· ADR/RID/ADN, ADN, IMDG, IATA · Class	Not classified as hazardous for transport
· 14.4 Packing group · ADR/RID/ADN, IMDG, IATA	Not classified as hazardous for transport
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Not applicable.
· 14.7 Maritime transport in bulk accordi IMO instruments	ing to Not applicable.
· UN "Model Regulation":	Not classified as hazardous for transport

# SECTION 15: Regulatory information

- · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Poisons Act
- Regulated explosives precursors

None of the ingredients is listed.

· Regulated poisons

None of the ingredients is listed.

· Reportable explosives precursors

None of the ingredients is listed.

· Reportable poisons

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

#### SECTION 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.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

· Department issuing SDS: Abteilung Produktsicherheit

#### · Abbreviations and acronyms:

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

Eye Dam. 1: Serious eye damage/eye irritation - Category 1

Asp. Tox. 1: Aspiration hazard - Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard - Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3

\* Data compared to the previous version altered.

## Annex: Exposure scenario 1

#### · Short title of the exposure scenario

Industrial use of lubricants and greases in vehicles or machinery

Sector of Use

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

#### Product category

PC16 Heat transfer fluids

PC17 Hydraulic fluids

PC24 Lubricants, greases, release products

#### · Process category

Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.

PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions

PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities

PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weiahina)

#### · Environmental release category

ERC4 Use of non-reactive processing aid at industrial site (no inclusion into or onto article) ERC7 Use of functional fluid at industrial site

#### · Description of the activities / processes covered in the Exposure Scenario See section 1 of the annex to the Safety Data Sheet.

· Conditions of use

- · Duration and frequency 5 workdays/week.
- · Physical parameters
- · Physical state Fluid

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Oil of Switzerland
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Trade name: ATV QUAD RACING 4T SAE 10W/50

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- · Concentration of the substance in the mixture The substance is main component.
- · Other operational conditions
- Other operational conditions affecting environmental exposure No special measures required.
- · Other operational conditions affecting consumer exposure Not required.
- · Other operational conditions affecting consumer exposure during the use of the product Not applicable.
- · Risk management measures
- · Worker protection
- Organisational protective measures No special measures required.
- · Technical protective measures No special measures required.
- · Personal protective measures No special measures required.
- · Measures for consumer protection No special measures required.
- · Environmental protection measures
- · Air No special measures required.
- · Water No special measures required.
- · Disposal measures

Disposal must be made according to official regulations.

Ensure that waste is collected and contained.

- · Disposal procedures Dispose of product residues with household waste.
- · Waste type Partially emptied and uncleaned packaging
- · Exposure estimation
- · Consumer Not relevant for this Exposure Scenario.
- Guidance for downstream users No further relevant information available.

# Annex: Exposure scenario 2

· Short title of the exposure scenario

Professional use of lubricants and greases in vehicles or machines

· Sector of Use

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category

PC16 Heat transfer fluids

PC17 Hydraulic fluids

PC24 Lubricants, greases, release products

Process category

PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.

PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions

PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities

PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities

PROC20 Use of functional fluids in small devices

· Environmental release category

ERC9a Widespread use of functional fluid (indoor)

ERC9b Widespread use of functional fluid (outdoor)

Description of the activities / processes covered in the Exposure Scenario

See section 1 of the annex to the Safety Data Sheet.

- · Conditions of use
- · Duration and frequency 5 workdays/week.
- Physical parameters
- · Physical state Fluid
- · Concentration of the substance in the mixture The substance is main component.
- · Other operational conditions
- · Other operational conditions affecting environmental exposure No special measures required.
- · Other operational conditions affecting consumer exposure Not required.

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MOTOREX Oil of Switzerland
Revision: 30,10,2023

Printing date 30.10.2023

Version number 3.1 (replaces version 3.0)

Trade name: ATV QUAD RACING 4T SAE 10W/50

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- Other operational conditions affecting consumer exposure during the use of the product Not applicable.
- Risk management measures
- · Worker protection
- · Organisational protective measures No special measures required.
- · Technical protective measures No special measures required.
- · Personal protective measures No special measures required.
- Measures for consumer protection No special measures required.
- Environmental protection measures
- · Air No special measures required.
- · Water No special measures required.
- Disposal measures

Disposal must be made according to official regulations.

Ensure that waste is collected and contained.

- · Disposal procedures Dispose of product residues with household waste.
- Waste type Partially emptied and uncleaned packaging
- Exposure estimation
- · Consumer Not relevant for this Exposure Scenario.
- Guidance for downstream users No further relevant information available.

# Annex: Exposure scenario 3

- · Short title of the exposure scenario Private use of lubricants and greases in vehicles or machines
- · Sector of Use SU21 Consumer uses: Private households / general public / consumers
- · Product category PC24 Lubricants, greases, release products
- · Environmental release category

ERC9a Widespread use of functional fluid (indoor)

ERC9b Widespread use of functional fluid (outdoor)

· Description of the activities / processes covered in the Exposure Scenario

See section 1 of the annex to the Safety Data Sheet.

- · Conditions of use
- · Duration and frequency 5 workdays/week.
- Physical parameters
- · Physical state Fluid
- · Concentration of the substance in the mixture The substance is main component.
- · Other operational conditions
- · Other operational conditions affecting environmental exposure No special measures required.
- · Other operational conditions affecting consumer exposure Not required.
- · Other operational conditions affecting consumer exposure during the use of the product Not applicable.
- · Risk management measures
- · Worker protection
- · Organisational protective measures No special measures required.
- Technical protective measures No special measures required.
- · Personal protective measures No special measures required.
- · Measures for consumer protection No special measures required.
- Environmental protection measures
- Air No special measures required.
- Water No special measures required.
- Disposal measures

Disposal must be made according to official regulations.

Ensure that waste is collected and contained.

- · Disposal procedures Dispose of product residues with household waste.
- Waste type Partially emptied and uncleaned packaging
- · Exposure estimation
- Consumer Not relevant for this Exposure Scenario.
- · Guidance for downstream users No further relevant information available.