

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 17.03.2014

Version number 2

Revision: 17.03.2014

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: **TT Scooter +**

Article number: PT.30.05

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

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

SU21 Consumer uses: Private households / general public / consumers

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

Product category PC24 Lubricants, greases, release products

Process category PROC8a Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities

PROC8b Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC9 Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC20 Heat and pressure transfer fluids in dispersive, professional use but closed systems

Environmental release category

ERC4 Industrial use of processing aids in processes and products, not becoming part of articles

ERC7 Industrial use of substances in closed systems

ERC9a Wide dispersive indoor use of substances in closed systems

ERC9b Wide dispersive outdoor use of substances in closed systems

Application of the substance / the mixture

Miscellaneous fuel additive

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Putoline Oil
Dollegoorweg 15
NL-7602 EC ALMELO
Tel.: +31 (0)546 818165

Further information obtainable from:

Product safety department - vib@putoline.com

1.4 Emergency telephone number:

+31 (0)546 818165 (9 AM to 4 PM, Monday to Friday)

2 Hazards identification

2.1 Classification of the substance or mixture

Classification according to

Regulation (EC) No 1272/2008 The product is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

R66: Repeated exposure may cause skin dryness or cracking.

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

2.2 Label elements

Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

Risk phrases:

66 Repeated exposure may cause skin dryness or cracking.

Safety phrases:

2 Keep out of the reach of children.

13 Keep away from food, drink and animal feedingstuffs.

23 Do not breathe vapour.

36 Wear suitable protective clothing.

46 If swallowed, seek medical advice immediately and show this container or label.

(Contd. on page 2)

Safety data sheet

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Printing date 17.03.2014

Version number 2

Revision: 17.03.2014

Trade name: TT Scooter +

(Contd. of page 1)

56 Dispose of this material and its container to hazardous or special waste collection point.

• **Special labelling of certain preparations:**

Contains calcium branched chain alkyl phenate sulphide, Mannich. May produce an allergic reaction.

• **2.3 Other hazards**

• **Results of PBT and vPvB assessment**

• **PBT:** Not applicable.

• **vPvB:** Not applicable.

3 Composition/information on ingredients

• **3.2 Mixtures**

• **Dangerous components:**

CAS: 64742-47-8 EC number: 926-141-6 Reg.nr.: 01-2119456620-43	Distillates (petroleum), hydrotreated light ☒ Xn R65 R66 ----- ☠ Asp. Tox. 1, H304	25-50%
Polymer	polyolefin polyamine succinimide R53 ----- Aquatic Chronic 4, H413	1-2.5%
Polymer	calcium branched chain alkyl phenate sulphide, Mannich ☒ Xi R36/38; ☒ Xi R43 ----- ☠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	0.1-1.0%

• **Additional information:** The highly refined mineral oil contains <3% (w/w) DMSO extract, according to IP346.
For the wording of the listed risk phrases refer to section 16.

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:** Do not induce vomiting; call for medical help immediately.

• **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**

If swallowed or in case of vomiting, danger of entering the lungs.

5 Firefighting measures

• **5.1 Extinguishing media**

• **Suitable extinguishing agents:** CO₂, dry chemical, or foam. Water can be used to cool and protect exposed material.

• **For safety reasons unsuitable extinguishing agents:** Water with full jet

• **5.2 Special hazards arising from the substance or mixture** Formation of toxic gases is possible during heating or in case of fire.

• **5.3 Advice for firefighters**

• **Protective equipment:** Wear self-contained respiratory protective device.
Wear fully protective suit.

6 Accidental release measures

• **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective clothing.

• **6.2 Environmental precautions:** 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).
Ensure adequate ventilation.

Remove from the water surface (e.g. skim or suck off).

• **6.4 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.

(Contd. on page 3)

Safety data sheet

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Printing date 17.03.2014

Version number 2

Revision: 17.03.2014


Trade name: TT Scooter +

(Contd. of page 2)

7 Handling and storage

- **7.1 Precautions for safe handling**
 - Ensure good ventilation/exhaustion at the workplace.
 - Prevent formation of aerosols.
 - Avoid the formation of oil haze.
- **Information about fire - and explosion protection:**
 - Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
 - Store only in the original receptacle.
- **Requirements to be met by storerooms and receptacles:**
 - Store only in the original receptacle.
- **Information about storage in one common storage facility:**
 - Not required.
- **Further information about storage conditions:**
 - Store in cool, dry conditions in well sealed receptacles.
- **7.3 Specific end use(s)**
 - No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:**
 - No further data; see item 7.
- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
 - Contains mineral oil. Under conditions which may generate mists, observe the OSHA PEL of 5 mg per cubic meter, ACGIH STEL of 10 mg per cubic meter.
 - The lists valid during the making were used as basis.
- **Additional information:**
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 - Keep away from foodstuffs, beverages and feed.
- **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.
- **Protection of hands:**
 -  Wear gloves for the protection against chemicals according to EN 374.
 - Oil resistant gloves
- **Material of gloves**
 - Nitrile rubber, NBR
 - PVC gloves
 - Neoprene 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**
 - For continuous contact we recommend gloves with breakthrough time of more than 240 minutes with preference for > 480 minutes where suitable gloves can be identified. For short-term/splash protection we recommend the same, but recognise that suitable gloves offering this level of protection may not be available and in this case a lower breakthrough time may be acceptable so long as appropriate maintenance and replacement regimes are followed.
 - Glove thickness is not a good predictor of glove resistance to a chemical as it is dependent on the exact composition of the 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

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
 - Form: Liquid

(Contd. on page 4)

Safety data sheet

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Revision: 17.03.2014

Trade name: TT Scooter +

(Contd. of page 3)

· Colour:	Red
· Odour:	Characteristic
· Change in condition	
Boiling point/Boiling range:	Undetermined.
· Flash point:	76 °C
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	210 °C
· Self-igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	0.5 Vol %
Upper:	5.5 Vol %
· Vapour pressure at 20 °C:	2 hPa
· Density at 20 °C:	0.873 g/cm ³
· Solubility in / Miscibility with water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
40 °C	48 mm ² /s (ASTM D445)
· Solvent content:	
Organic solvents:	0.0 %
· 9.2 Other information	No further relevant information available.

10 Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** To avoid thermal decomposition do not overheat.
- **10.3 Possibility of hazardous reactions** Reacts with strong oxidizing agents.
- **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.

11 Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**

· LD/LC50 values relevant for classification:		
64742-47-8 Distillates (petroleum), hydrotreated light		
Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rabbit)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Sensitisation** For respiratory and skin sensitisation: Not expected to be a sensitiser.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)** This product contains mineral oils which are considered to be severely refined and not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP 346 test.

12 Ecological information

- **12.1 Toxicity**

· Aquatic toxicity:	
64742-47-8 Distillates (petroleum), hydrotreated light	
LC50 (96 h)	>45 mg/l (fish)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.

(Contd. on page 5)

Safety data sheet

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(Contd. of page 4)

- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

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.

· European waste catalogue	
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· 14.1 UN-Number	
· ADR, ADN, IMDG, IATA	Void
· 14.2 UN proper shipping name	
· ADR, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	Void
· 14.4 Packing group	
· ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· UN "Model Regulation":	-

15 Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations:**
- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not 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.

- **Relevant phrases**
 - H304 May be fatal if swallowed and enters airways.
 - H315 Causes skin irritation.
 - H317 May cause an allergic skin reaction.
 - H319 Causes serious eye irritation.
 - H413 May cause long lasting harmful effects to aquatic life.
 - R36/38 Irritating to eyes and skin.
 - R43 May cause sensitisation by skin contact.
 - R53 May cause long-term adverse effects in the aquatic environment.
 - R65 Harmful: may cause lung damage if swallowed.
 - R66 Repeated exposure may cause skin dryness or cracking.
- **Department issuing MSDS:** Product safety department.
- **Contact:** Product safety department

(Contd. on page 6)

Safety data sheet

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(Contd. of page 5)

- **Abbreviations and acronyms:** ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
- **Sources** 67/548/EEC
99/45/EEC
EC/453-2010