



TECPO

Multifunktionsöl_EN

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

1.1. Product identifier

Trade name

TECPO Multifunktionsöl_EN

Article No.

300368

UFI code

QXUT-AU9J-5003-R311

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

Relevant identified uses

Lubricant.

Not suitable for use in

No further relevant information available.

1.3. Details of the supplier of the safety data sheet

SDS created by

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1.4. Emergency telephone number

Poison center/Additional emergency number

+49 (0) 89 19240 (Available 24/7) - Poison Emergency Call Munich (Available for the public.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Classification

Aerosol, Hazard category 1

Aspiration hazard, hazard category 1

Specific Target Organ Toxicity — Single exposure, hazard category 3 - narcosis

Hazard statements

H222, H229, H304, H336

Description

The product is classified and labeled according to the CLP regulation.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated

H336 May cause drowsiness or dizziness.

Supplemental hazard statements

EUH066 Repeated exposure may cause skin dryness or cracking.

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Multifunktionsöl_EN

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P261 Avoid breathing aerosol.
P271 Use only outdoors or in a well-ventilated area.
P304 + P312 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 Dispose of contents/container to dispose of in accordance with local / regional / national / international regulations..

More information

Hazard-determining components of labeling:
Hydrocarbons C9-C10, n-alkanes, isoalkanes, cyclenes, <2% aromatics

2.3. Other hazards

In case of insufficient ventilation and/or due to use, formation of explosive/highly flammable mixtures possible. mixtures possible.

This product does not contain any PBT or vPvB substances.
This product does not contain any substance that exhibits endocrine disrupting properties towards humans, as no ingredient meets the criteria.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Specific concentration limits ATE	Note
isobutane	75-28-5 200-857-2 01-2119485395-27 601-004-00-0	50 - <100%	Flam. Gas 1, Press. Gas - Liquefied gas	H220, H280 - -		-
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclenes, <2% aromatics	- 927-241-2 01-2119471843-32 -	20 - <25%	Flam. Liq. 3, Asp. Tox. 1, STOT SE 3 - narcosis, Aquatic Chronic 3	H226, H304, H336, H412, EUH066 - -		inhalative: LC50 = > 4951 mg/l; dermal: LD50 = > 5000

TECPO

Multifunktionsöl_EN

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrases M factor acute M factor chronic	Specific concentration limits ATE	Note
						mg/kg; oral: LD50 = > 5000 mg/kg
propane	74-98-6 200-827-9 01-2119486944-21 601-003-00-5	5 - <10%	Flam. Gas 1, Press. Gas - Liquefied gas	H220, H280 - -		-
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclene, <2% aromatics	64742-48-9 918-481-9 01-2119457273-39 -	5 - <10%	Asp. Tox. 1	H304, EUH066 - -		inhalative: LC50 = 4951 mg/l; dermal: LD50 = >3160 mg/kg; oral: LD50 = >8000 mg/kg
butane	106-97-8 203-448-7 01-2119474691-32 601-004-00-0	1 - <3%	Flam. Gas 1, Press. Gas - Liquefied gas	H220, H280 - -		-
Benzene sulfonic acids, di-C10-14-alkyl derivatives, calcium salts	1471316-72-9 939-603-7 01-2119978241-36 -	0 - <0,1%	Skin Sens. 1B	H317 - -		dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 10000 - < 20000 mg/kg Skin Sens. 1B; H317: >=10 - 100

Substance additional information

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

Regulation (EC) No. 648/2004 on detergents / labeling of ingredients
>= 30 % aliphatic hydrocarbons , perfumes

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Multifunktionsöl_EN

SECTION 4: First aid measures

4.1. Description of first aid measures

First aiders should pay attention to self-protection. Bring people to safety. Never give anything by mouth to an unconscious person or if convulsions occur.

Inhalation

Remove person to fresh air and keep comfortable for breathing. If symptoms occur or in case of doubt, seek medical advice.

Skin contact

Wash with plenty of soap and water. Take off immediately all contaminated clothing and wash it before reuse. If symptoms occur or in case of doubt, seek medical advice.

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms occur or persist, consult an ophthalmologist.

Ingestion

Do NOT induce vomiting. In case of vomiting, note the risk of aspiration. Always consult a doctor!

4.2. Most important symptoms and effects, both acute and delayed

Headache, nausea, dizziness, fatigue, skin irritation

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

Symptomatic treatment. Call a POISON CENTER. Symptoms may not appear until many hours after exposure.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguish with foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media

Full water jet.

5.2. Special hazards arising from the substance or mixture

Incomplete combustion and thermolysis can produce gases of varying toxicity. In the case of products containing hydrocarbons, e.g. CO, CO₂, aldehydes and soot. These can be very dangerous if they are inhaled in high concentrations or in enclosed spaces.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Do not inhale explosion and combustion gases. If safe to do so, remove undamaged containers from the danger zone. In case of fire: Use self-contained breathing apparatus.

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Multifunktionsöl_EN

Other

Risk of the container bursting.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Respiratory protection must be used when exposed to vapors, dusts and aerosols. Remove all sources of ignition. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment.

Staff not trained for emergencies: First aiders should pay attention to self-protection.

Emergency services: Fight fire with normal precautions from a reasonable distance.

6.2. Environmental precautions

Do not allow to enter drains or waterways. Prevent the spill from spreading (e.g. by containing it with oil booms). Ensure that all wastewater is collected and treated in a wastewater treatment plant.

6.3. Methods and material for containment and cleaning up

Prevent the spill from spreading (e.g. by containing it with oil booms).

Absorb with liquid-binding material (sand, diatomaceous earth, acid binder, universal binder). Thoroughly clean soiled objects and floors in compliance with environmental regulations.

6.4. Reference to other sections

See SECTIONS 7+8+13

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Multifunktionsöl_EN

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

Follow the instructions for use. Dust must be safely extracted directly at the point of origin. Vapors/aerosols must be safely extracted directly at the point of origin. If local extraction is not possible or insufficient, good ventilation of the work area should be ensured wherever possible. Do not eat, drink, smoke or sniff at the workplace. Wear personal protective equipment (see section 8). Formation of explosive/highly flammable mixtures possible with insufficient ventilation and/or through use.

Notes on fire and explosion protection:

Keep away from sources of ignition - No smoking. Heating leads to an increase in pressure and risk of bursting.

Information on general hygiene measures at the workplace:

Avoid exposure. Wear suitable protective clothing when working. Draw up and observe a skin protection plan!

Further information on handling:

Avoid contact with eyes and skin.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and containers:

Keep container tightly closed. Observe legal rules and regulations.

Storage instructions:

Do not store together with: Oxidizing agents. Pyrophoric or self-heating hazardous substances.

Food and animal feed.

Further information on storage conditions:

Protect from frost. Protect from direct sunlight. Store in a cool and dry place. Observe legal rules and regulations.

Storage class according to TRGS 510: 2B Compressed gas packs (aerosol dispensers)

7.3. Specific end use(s)

There is no information available.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits

- a no restriction
- b End of exposure or end of shift
- c for long-term exposure: after several previous shifts
- d before subsequent layer

Y: A risk of fruit damage need not be feared if the occupational exposure limit value (OEL) and the biological limit value (BGW) are complied with

Z: A risk of fruit damage cannot be excluded even if the occupational exposure limit value (OEL) and the biological limit value (BGW) are complied with Blood (B)

Urine (U)

National occupational exposure limits

Ingredient	CAS No. EC No.	Exposure limit ppm / mg/m ³	Source	Remark	Year
isobutane	75-28-5 200-857-2	1000 / 2400 /	TRGS 900	4(II)	-
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclenes, < 2% aromatics	- 927-241-2	- / 300 /	TRGS 900	2(II)	-
propane	74-98-6 200-827-9	1000 / 1800 /	TRGS 900	4 (II)	-
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclene, <2% aromatics	64742-48-9 918-481-9	- / 300 /	TRGS 900	2(I))	-
butane	106-97-8 203-448-7	1000 / 2400 /	TRGS 900	4(II)	-

DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
Benzene sulfonic acids, di-C10-14-alkyl derivatives, calcium salts (1471316-72-9/939-603-7)	DNEL	Acute (short term) Dermal	1,04 mg/m ³	Workers	Local
Benzene sulfonic acids, di-C10-14-alkyl derivatives, calcium salts (1471316-72-9/939-603-7)	DNEL	Chronic (long term) Inhalation	8,7 mg/cm ²	Consumers	Systemic
Benzene sulfonic acids, di-C10-14-alkyl derivatives, calcium salts (1471316-72-9/939-603-7)	DNEL	Chronic (long term) Dermal	12,5 mg/kg bw/day	Consumers	Systemic
Benzene sulfonic acids, di-C10-14-alkyl	DNEL	Acute (short term)	0,518 mg/cm ²	Consumers	Local

TECPO

Multifunktionsöl_EN

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
derivatives, calcium salts (1471316-72-9/939-603-7)		Dermal			
Benzene sulfonic acids, di-C10-14-alkyl derivatives, calcium salts (1471316-72-9/939-603-7)	DNEL	Chronic (long term) Oral	2,5 mg/kg bw/day	Consumers	Systemic
Benzene sulfonic acids, di-C10-14-alkyl derivatives, calcium salts (1471316-72-9/939-603-7)	DNEL	Chronic (long term) Inhalation	35,26 mg/m ³	Workers	Systemic
Benzene sulfonic acids, di-C10-14-alkyl derivatives, calcium salts (1471316-72-9/939-603-7)	DNEL	Chronic (long term) Dermal	25 mg/kg bw/day	Workers	Systemic

PNEC/PEC

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
Benzene sulfonic acids, di-C10-14-alkyl derivatives, cal- cium salts (1471316-72-9/939-603-7)	PNEC	Freshwater	0,1 mg/l
Benzene sulfonic acids, di-C10-14-alkyl derivatives, cal- cium salts (1471316-72-9/939-603-7)	PNEC	Intermittent releases (freshwater)	1 mg/l
Benzene sulfonic acids, di-C10-14-alkyl derivatives, cal- cium salts (1471316-72-9/939-603-7)	PNEC	Marine water	0,1 mg/l
Benzene sulfonic acids, di-C10-14-alkyl derivatives, cal- cium salts (1471316-72-9/939-603-7)	PNEC	Sediment (freshwater)	45211 mg/kg
Benzene sulfonic acids, di-C10-14-alkyl derivatives, cal- cium salts (1471316-72-9/939-603-7)	PNEC	Sediment (marine water)	45211 mg/kg
Benzene sulfonic acids, di-C10-14-alkyl derivatives, cal- cium salts (1471316-72-9/939-603-7)	PNEC	Sewage Treatment Plant	1000 mg/l
Benzene sulfonic acids, di-C10-14-alkyl derivatives, cal- cium salts (1471316-72-9/939-603-7)	PNEC	Soil	36739,74 mg/kg

8.2. Exposure controls

Appropriate engineering controls

For open handling, use devices with local exhaust ventilation.

TECPO

Multifunktionsöl_EN

Personal Protective Equipment Symbols



Eye / face protection

Tightly sealed safety goggles DIN EN 166

Hand protection

Preventive skin protection with skin protection ointment. When handling chemical substances, only chemical protective gloves with a CE mark including a four-digit test number may be worn. The design of chemical protective gloves must be selected specifically for the workplace depending on the concentration and quantity of hazardous substances.

Suitable material: NBR (nitrile rubber) Breakthrough time: 480min

Thickness of the glove material 0.45 mm

EN ISO 374

Other skin protection

Wear suitable protective clothing when working. Take off immediately all contaminated clothing and wash it before reuse.

Respiratory protection

Respiratory protection must be used when exposed to vapors, dusts and aerosols. If the relevant occupational exposure limit values are exceeded, the following must be observed: Suitable breathing apparatus: Combination filter apparatus (DIN EN 141).

Filter unit with filter or blower filter unit type: AX

The wearing time limits specified by the manufacturer must be observed.

Observe legal rules and regulations.

Environmental exposure controls

Observe legal rules and regulations.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Brown.

Odour

Sweetish.

Melting point / freezing point

Not determined.

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Multifunktionsöl_EN

Boiling point or initial boiling point and boiling range

-42 °C

Flammability

Not applicable.

Lower and upper explosion limit

Lower: 0,5 Vol-%; Upper: 9,4 Vol-%

Flash point

> 23 °C

Method

@ 20 °C

Auto-ignition temperature

No data available

Decomposition temperature

No data available

pH

DIN 19268

Kinematic viscosity

< 7 mm²/s

Method

@40 °C

Solubility

No data available

Water solubility

insoluble

Partition coefficient n-octanol/water

No data available

Vapour pressure

No data available

Density and/or relative density

0,7828 g/cm³

Method

@ 20 °C

Relative vapour density

No data available

Oxidising properties

Not oxidizing.

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Multifunktionsöl_EN

Particle characteristics

No data available

Information on basic physical and chemical properties

The product is not self-igniting.

9.2. Other information

The data refer to the technical active substance: relative density, color, odor, viscosity, pH value.

SECTION 10: Stability and reactivity

10.1. Reactivity

There is no information available.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Do not expose to temperatures above 50 °C. Heating leads to an increase in pressure and risk of bursting.

10.4. Conditions to avoid

Keep away from heat, sparks and open flame. Vapors can form an explosive mixture with air.
Take measures against electrostatic charging.

10.5. Incompatible materials

Oxidizing agent. Pyrophoric or self-heating hazardous substances.

10.6. Hazardous decomposition products

Incomplete combustion and thermolysis can produce gases of varying toxicity. In the case of products containing hydrocarbons, e.g. CO, CO₂, aldehydes and soot. These can be very dangerous if they are inhaled in high concentrations or in enclosed spaces.

Other

Do not mix with other chemicals.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

ATE_{mix} calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapor) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

TECPO

Multifunktionsöl_EN

Acute toxicity

Based on available data, the classification criteria are not met.

Product / Sub- stance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
Hydrocarbons, C9-C10, n- alkanes, isoalkanes, cyclenes, < 2% aromatics / 927-241-2	LD50	> 5000 mg/kg	Oral	-	Rat	-
Hydrocarbons, C9-C10, n- alkanes, isoalkanes, cyclenes, < 2% aromatics / 927-241-2	LD50	> 5000 mg/kg	Dermal	-	Rabbit	-
Hydrocarbons, C9-C10, n- alkanes, isoalkanes, cyclenes, < 2% aromatics / 927-241-2	LC50	> 4951 mg/l	Inhalative	4 hours	Rat	-
Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclene, <2% aromatics 64742-48-9 / 918-481-9	LD50	>8000 mg/kg	Oral	-	Rat	-
Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclene, <2% aromatics 64742-48-9 / 918-481-9	LD50	>3160 mg/kg	Dermal	-	Rabbit	-
Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclene, <2% aromatics	LC50	4951 mg/l	Inhalative	4 hours	Rat	-



TECPO

Multifunktionsöl_EN

Version number: 1.0
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Product / Sub- stance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
64742-48-9 / 918-481-9						
Benzene sulfonic acids, di-C10-14- alkyl derivatives, calcium salts 1471316-72-9 / 939-603-7	LD50	> 10000 - < 20000 mg/kg	Oral	-	Rat	Study report (1972)
Benzene sulfonic acids, di-C10-14- alkyl derivatives, calcium salts 1471316-72-9 / 939-603-7	LD50	> 2000 mg/kg	Dermal	-	Rat	OECD 402

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

Repeated exposure may cause skin dryness or cracking.

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

May cause drowsiness or dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

May be fatal if swallowed and enters the respiratory tract.

Routes of exposure

Ingestion, inhalation, skin contact, eye contact. See sections: 2.1, 4.2.

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11.2. Information on other hazards

Endocrine disrupting properties

This product does not contain any substance that exhibits endocrine disrupting properties towards humans, as no ingredient meets the criteria.

Other information

There is no information available.

SECTION 12: Ecological information

12.1. Toxicity

Acute fish toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclenes, < 2% aromatics / 927-241-2	LC50	> 1000 mg/l	96 hours	Onchorhynchus mykiss (Rainbow trout)
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclene, <2% aromatics 64742-48-9 / 918-481-9	LC50	>1000 mg/l	96 hours	Onchorhynchus mykiss (Rainbow trout)
Benzene sulfonic acids, di-C10-14-alkyl derivatives, calcium salts 1471316-72-9 / 939-603-7	LC50	> 100 mg/l	96 hours	Onchorhynchus mykiss (Rainbow trout)

Acute algae toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclene, <2% aromatics 64742-48-9 / 918-481-9	ErC50	>1000 mg/l	96 hours	Scenedesmus subspicatus	-
Benzene sulfonic	ErC50	> 1000 mg/l	72 hours	Pseudokirchneriella	EPA OTS 797.1050

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Multifunktionsöl_EN

Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of expos- ure	Species	Method / Guideline
acids, di-C10-14- alkyl derivatives, calcium salts 1471316-72-9 / 939- 603-7				subcapitata	
Hydrocarbons, C9- C10, n-alkanes, isoalkanes, cyclenes, < 2% aro- matics / 927-241-2	ErC50	> 1000 mg/l	72 hours	Pseudokirchneriella subcapitata	-

Acute crustacean toxicity

Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of expos- ure	Species	Method / Guideline
Hydrocarbons, C9- C10, n-alkanes, isoalkanes, cyclenes, < 2% aro- matics / 927-241-2	EC50	> 1000 mg/l	48 hours	Daphnia magna	-
Hydrocarbons, C10- C13, n-alkanes, isoalkanes, cyclene, <2% aromatics 64742-48-9 / 918- 481-9	EC50	>1000 mg/l	48 hours	Daphnia magna	-
Benzene sulfonic acids, di-C10-14- alkyl derivatives, calcium salts 1471316-72-9 / 939- 603-7	EC50	> 1000 mg/l	48 hours	Daphnia magna	EPA OTS 797.1300

Micro-/macro organism toxicity

Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of expos- ure	Species	Method / Guideline
Benzene sulfonic acids, di-C10-14-	EC50	> 10000 mg/l ()	3 hours	activated sludge of a predominantly	OECD 209

TECPO

Multifunktionsöl_EN

Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of expos- ure	Species	Method / Guideline
alkyl derivatives, calcium salts 1471316-72-9 / 939- 603-7				domestic sewage	

12.2. Persistence and degradability

89 %

Readily biodegradable according to OECD criteria

12.3. Bioaccumulative potential

Product / Substance name CAS / EC no.	LogKow / LogPow	Bioconcentration factor (BCF)	Species
propane 74-98-6 / 200-827-9	2,36	-	-
Benzene sulfonic acids, di- C10-14-alkyl derivatives, cal- cium salts 1471316-72-9 / 939-603-7	> 6,91	70,8	fish
butane 106-97-8 / 203-448-7	2,89	-	-
isobutane 75-28-5 / 200-857-2	2,8	-	-

12.4. Mobility in soil

Mobility

No further relevant information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not fulfill the PBT/vPvB criteria according to REACH, Annex XIII.
This product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

This product does not contain any substance that exhibits endocrine disrupting properties towards non-target organisms, as no ingredient fulfills the criteria.

12.7. Other adverse effects

No further relevant information available.

Other

German Water Class

WGK1 - slightly water endangering

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Multifunktionsöl_EN

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations

Do not allow to enter drains or waterways. Disposal in accordance with official regulations.

Packaging

Uncleaned packaging: Disposal in accordance with official regulations.

Waste code	Waste description
16 05 04*	gases in pressure containers (including halons) containing hazardous substances
15 01 04	metallic packaging

Please note - an asterisk (*) next to a code denotes that it is HAZARDOUS WASTE.

SECTION 14: Transport information

14.1. UN number

1950

14.2. UN proper shipping name

ADR / RID / ADN proper shipping name

AEROSOLS, flammable

IMDG proper shipping name

AEROSOLS

14.3. Transport hazard class(es)

Label

ADR/RID/ADN



2.1

IMDG



2.1



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ADR / RID Class

2

Tunnel restriction code: D

Transportation category: 2

ADR / RID Classification code

5F

IMDG Class

2

14.4. Packing group

ADR: -

IMDG: -

14.5. Environmental hazards

No.

IMDG Marine Pollutant

No.

14.6. Special precautions for user

Caution: Flammable gases.

IMDG EmS

F-D, S-U

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

Other

Additional information ADR-RID

Limited quantity: 1 L

Additional information IMDG

Limited quantity: 1 L

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Multifunktionsöl_EN

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations

Annex XVII (REACH): The product is subject to the following restrictions according to Annex XVII, Regulation (EC) 1907/2006 (REACH): 3 , 28 , 40 , 75

Directive 2010/75/EU on industrial emissions: There is no information available.

Directive 2004/42/EC on VOCs from paints and varnishes: There is no information available.

Substances of Very High Concern (SVHC) according to REACH, Article 57: There is no information available.

National regulations

Water hazard classification : 1 - slightly water endangering
Classification of mixtures according to Annex 1, No. 5 AwSV

Storage class: 2B Compressed gas packs (aerosol dispensers)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

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Multifunktionsöl_EN

SECTION 16: Other information

Abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road
AGW - Occupational Exposure Limit (Arbeitsplatzgrenzwert)
ATE - Acute Toxicity Estimate
AwSV - Ordinance on Installations for Handling Substances Hazardous to Water
C&L - Einstufung und Kennzeichnung
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
CMR - Carcinogen, Mutagen, or Reproductive Toxicant
CSR - Chemical Safety Report
DNEL - Derived No Effect Level
ECHA - European Chemicals Agency
GefStoffV - Hazardous Substances Ordinance (Gefahrstoffverordnung)
GHS - Globally Harmonized System
IMDG - International Maritime Dangerous Goods
International Air Transport Association
IUCLID - International Uniform Chemical Information Database
Kow - octanol-water partition coefficient
LC50 - Lethal Concentration to 50 % of a test population
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)
LGK - Storage Class (Lagerklasse)
OEL - Occupational Exposure Lim
PBT - Persistent, Bioaccumulative and Toxic substance
PNEC - Predicted No Effect Concentration(s)
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
SCBA - Self-Contained Breathing Apparatus
STOT - Specific Target Organ Toxicity
SVHC - Substances of Very High Concern
TRGS - Technische Regeln für Gefahrstoffe
UFI - Unique Formula Identifier
vPvB - Very Persistent and Very Bioaccumulative
WGK - Water Hazard Class (Wassergefährdungsklasse)

TECPO

Multifunktionsöl_EN

Phrase meaning

Aerosol 1 - Aerosol, Hazard category 1

Asp. Tox. 1 - Aspiration hazard, hazard category 1

STOT SE 3 - narcosis - Specific Target Organ Toxicity — Single exposure, hazard category 3 - narcosis

Flam. Gas 1 - Flammable gases, hazard category 1

Press. Gas - Liquefied gas - Gases under pressure, Liquefied gas

Flam. Liq. 3 - Flammable liquids, hazard category 3

Aquatic Chronic 3 - Hazardous to the aquatic environment — Chronic hazard category 3

Skin Sens. 1B - Skin sensitisation, hazard category 1, sub-category 1B

H220 Extremely flammable gas.

H222 Extremely flammable aerosol.

H226 Flammable liquid and vapour.

H229 Pressurised container: May burst if heated

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

Other

Additional information

The information is based on our current state of knowledge, but does not constitute a guarantee of product properties and does not establish a contractual legal relationship. The recipient of our products is responsible for observing existing laws and regulations. The information in this safety data sheet corresponds to the best of our knowledge at the time of printing. The information is intended to provide you with guidelines for the safe handling of the product mentioned in this safety data sheet during storage, processing, transportation and disposal. The information is not transferable to other products. If the product is mixed, blended or processed with other materials processed or subjected to processing, the information in this safety data sheet cannot be transferred to the new material produced in this way, unless expressly stated otherwise.

Manufacturer's notes

The data of the relevant components were taken from the latest safety data sheet of the upstream supplier.