

Safety data sheet according to 1907/2006/EC, Article 31

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Cimco-Werkzeugfabrik
Carl Jul. Müller GmbH & Co. KG

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

1.1 Product identifier

Trade name WET.PROTECT e-motorbike Art.-Nr. **151148**

1.2 Relevant identified uses of the substance or mixture and uses advised against none

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

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

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Cimco Werkzeugfabrik Carl Jul. Müller GmbH & Co. KG
Hohenhagener Straße 1 - 5
D-42855 Remscheid
+49 (0) 21913718-01 Fax: +49 (0) 21913718-86

1.4 Emergency telephone number **Emergency CONTACT (24-Hour-Number)**
GBK GmbH +49 (0)6132-84463

2. Hazards identification

2.1 Classification of the substance or mixture

· **Classification according to Regulation (EC) No 1272/2008**

Aerosol 1 H222-H229

Asp. Tox. 1 H304

Aquatic Chronic 3 H412

2.2 Label elements

· **Labelling according to Regulation (EC) No 1272/2008**

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

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GHS02



GHS08

Signal word

Danger

Hazard statements:

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
H304 May be fatal if swallowed and enters airways.
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 label before use.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251 Do not pierce or burn, even after use.
P273 Avoid release to the environment.
P211 Do not spray on an open flame or other ignition source.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331 Do NOT induce vomiting.
P405 Store locked up.
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
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

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3. Composition/information on ingredients

Inhaltsstoffe	EINECS	CAS	Konzentrat [Gew-%]
entaromatisierte Kohlenwasserstoffe	265-150-3	64742-48-9	10-25 Flam. Liq. 3, H226 Asp. Tox. 1, H304
propane liquefied	200-827-9	74-98-6	10-25 Flam. Gas 1, H220 Press. Gas C, H280
butane, pure	203-448-7	106-97-8	10-25 Flam. Gas 1, H220 Press. Gas c, H280
diphenyl tolyl phosphate	247-693-8	26444-49-5	<0,5 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2,6-di-tert-butyl-p-cresol	204-881-4	128-37-0	<0,5 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

4. First aid measures

4.1 Description of first aid measures

General information	Instantly remove any clothing soiled by the product.
After inhalation	Supply fresh air; consult doctor in case of symptoms.
After skin contact	The product is generally no skin irritant.
After swallowing	Do not induce vomiting; instantly call for medical help.
After eye contact	Rinse opened eye for several minutes under running water.

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.

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5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents Water spray jet

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Protective equipment:

Wear self-contained breathing apparatus.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment.
Keep unprotected persons away.

6.2 Environmental precautions

Do not allow product to reach sewage system or water bodies.

6.3 Methods and material for containment and cleaning up

Dispose of contaminated material as waste according to item 13.
Ensure adequate ventilation.

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 information on disposal.

7. Handling and storage

7.1 Precautions for safe handling

No special precautions necessary if used correctly.

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Information about protection against explosions and fires

Beware: Container is pressurized. Keep away from direct sun exposure and temperatures over 50 °C.
Do not open by force or throw into fire even after use.
Do not spray on flames or red-hot objects.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and containers:
Observe official regulations on storing packagings with pressurised containers.

Information about storage in one common storage facility

Store away from oxidising agents.

Further information about storage conditions

Keep container tightly sealed.

7.3 Specific end use(s)

No further relevant information available.

8. Exposure controls/personal protection

8.1 Control parameters

Components with limit values that require monitoring at the workplace:

74-98-6 propane liquefied (10-25%)

OEL (Ireland) Long-term value: 1000 ppm
Asphx

106-97-8 butane, pure (10-25%)

WEL (Great Britain) Short-term value: 1810 mg/m³, 750 ppm
Long-term value: 1450 mg/m³, 600 ppm
Carc (if more than 0.1% of buta-1.3-diene)
OEL (Ireland) Long-term value: 1000 ppm

Additional information: The lists that were valid during the compilation were used as basis.

8.2 Exposure controls

Personal protective equipment

General protective and hygienic measures

Keep away from foodstuffs, beverages and food.
Wash hands during breaks and at the end of the work.

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Breathing equipment	Not required
Protection of hands	<p>The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation</p> <p>Material of gloves</p> <p>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.</p> <p>Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.</p>
Eye protection	Not required.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	Aerosol
Colour	Colourless
Odour	Characteristic
Odour threshold	Not determined.
pH-value	Not determined.
Change in condition	.
Melting point/Melting range	Not determined
Boiling point/Boiling range	-44 °C
Flash point:	-97 °C
Ignition temperature	> 200 °C
Decomposition temperature	Not determined.
Self-inflammability:	Product is not selfigniting.

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Danger of explosion	Not determined.
Critical values for explosion	
Lower:	0,6 Vol%
Upper:	10,9 Vol%
Vapour pressure at 20 °C:	ca. 8300 hPa
Density at 20 °C	Not determined.
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not applicable.
Solubility in / Miscibility with Water:	Not determined.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
dynamic:	Not determined.
kinematic:	Not determined.
Solvent content:	
Organic solvents:	49,2 %
VOC - EU	48,88 %
VOC - EU	488,8 g/l
VOC - CH	48,8 %
VOC - USA	285,0 g/l / 2,38 lb/gl

9.2 Other information

No further relevant information available.

10. Stability and reactivity

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

No decomposition if used and stored according to specifications.

10.4 Conditions to avoid

No further relevant information available

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10.5 Incompatible materials

No further relevant information available

10.6 Hazardous decomposition products

Inflammable gases/vapours

11. Toxicological information

11.1 Information on toxicological effects

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

LD/LC50 values that are relevant for classification:

106-97-8 butane, pure

Inhalative LC50 (4 h) 658 mg/l (rat)

26444-49-5 diphenyl tolyl phosphate

Oral LD50 >5000 mg/kg (rat)

Dermal LD50 >2000 mg/kg (rat)

128-37-02,6-di-tert-butyl-p-cresol

Oral LD50 2930 mg/kg (rat)

Dermal LD50 >2000 mg/kg (rabbit)

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.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
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 May be fatal if swallowed and enters airways.

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not allow product to reach sewage system.

Uncleaned packagings

Disposal must be made according to official regulations.

14. Transport information

	ADR/RID	IMDG	IATA-DGR
14.1 UN- Number	1950	1950	1950
14.2 UN proper shipping name	1950 AEROSOLS	AEROSOLS	Aerosols, flammable
14.3 Transport hazard class(es)	2 5F Gases	2.1	2.1
14.4 Packing group	-	-	-
14.5 Environmental hazards	Not applicable	Not applicable	Not applicable

14.6 Special precautions for user

Warning: Gases

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

15. Regulatory information

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

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

Seveso category P3a FLAMMABLE AEROSOLS

Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

National regulations

Water hazard class: Water hazard class 2 (Self-assessment): hazardous for water.

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Technical instructions (air)

Class	Share in %
III	10-25 %
NK	25-50 %

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

16. Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

H220	Extremely flammable gas
H226	Flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.