

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

Printing date 23.11.2022

Version number 1.1 (replaces version 1.0)

Revision: 23.11.2022

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

- **1.1 Product identifier**
- **Trade name:** **PROFI-CAR ELEKTRONIK-SPRAY**
- **Article number:** 61054
- **Registration number** Not applicable
- **UFI:** 8S2F-T5TM-R00T-ARGW
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Product category** PC14 Metal surface treatment products
- **Application of the substance / the mixture**
Lubricant
Anticorrosion additive
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
PROFI-TECH GmbH
Otto-Lilienthal-Straße 2
88046 Friedrichshafen
Deutschland +49 7541 402860
- **Further information obtainable from:** Product Safety Department
- **1.4 Emergency telephone number:**
24-hour emergency contact number out side USA/Canada: + 49 70024112112 (PRT)
24-hour emergency contact number in side USA/Canada: +11 49 70024112112 (PRT)

SECTION 2: Hazards identification

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



flame

Aerosol 2 H223-H229 Flammable aerosol. Pressurised container: May burst if heated.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

- **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**



GHS02

- **Signal word** Warning
- **Hazard-determining components of labelling:**
Naphtha (petroleum), hydrotreated heavy
- **Hazard statements**
H223-H229 Flammable aerosol. Pressurised container: May burst if heated.
- **Precautionary statements**
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.

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- P103 Read carefully and follow all instructions.
 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.
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- **Additional information:**
 Buildup of explosive mixtures possible without sufficient ventilation.
 - **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:**

| | | |
|--|--|-----------|
| CAS: 64742-48-9 EC number: 918-481-9 Index number: 649-327-00-6 Reg.nr.: 01-219457273-39-XXXX | Naphtha (petroleum), hydrotreated heavy ⚠ Asp. Tox. 1, H304 | >80–≤100% |
| CAS: 124-38-9 EINECS: 204-696-9 | carbon dioxide ⚠ Press. Gas (Liq.), H280 | 1–≤5% |
| CAS: 111-76-2 EINECS: 203-905-0 Index number: 603-014-00-0 Reg.nr.: 01-2119475108-36-XXXX | 2-butoxyethanol ⚠ Acute Tox. 3, H331; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319 ATE: LD50 oral: 1,200 mg/kg LC50/4 h inhalative: 3 mg/l | 1–≤5% |
| | Mineraloil Mixture ⚠ Asp. Tox. 1, H304 | ≥0.01–≤1% |
| CAS: 29806-73-3 EINECS: 249-862-1 Reg.nr.: 01-2119974122-42-XXXX | 2-Ethylhexylpalmitat | 0.1–≤1% |
| EC number: 939-717-7 Reg.nr.: 01-2119980985-16-0000 | calcium bis(di C8-C10, branched, C9 rich, alkyl)naphthalenesulphonate ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319 | ≥0.01–≤1% |
| EC number: 947-519-7 Reg.nr.: 01-2120765489-39-XXXX | Reaction products of benzenesulfonic acid, mono-C20-24 (even)-sec-alkyl derivs. para-, calcium salts | ≥0.01–≤1% |

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

| | |
|------------------------|------|
| aliphatic hydrocarbons | ≥30% |
|------------------------|------|

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

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- **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:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **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.
- **Additional information**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 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 to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Dispose 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 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:**
Do not spray onto a naked flame or any incandescent material.
Keep ignition sources away - Do not smoke.
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Observe official regulations on storing packagings with pressurised containers.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Storage class:** 2B
- **7.3 Specific end use(s)** No further relevant information available.

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SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· **Ingredients with limit values that require monitoring at the workplace:**

CAS: 124-38-9 carbon dioxide

WEL Short-term value: 27400 mg/m³, 15000 ppm
Long-term value: 9150 mg/m³, 5000 ppm

CAS: 111-76-2 2-butoxyethanol

WEL Short-term value: 246 mg/m³, 50 ppm
Long-term value: 123 mg/m³, 25 ppm
Sk, BMGV

· **DNELs**

CAS: 111-76-2 2-butoxyethanol

| | | |
|------------|----------------------------|--|
| Oral | Acute Systemic Effects | 26.7 mg/kg bw/day (Consumers) |
| | Long Term Systemic Effects | 6.3 mg/kg bw/day (Consumers) |
| Dermal | Acute Systemic Effects | 89 mg/kg bw/day (Consumers) 89 mg/kg bw/day (Workers) |
| | Long Term Systemic Effects | 75 mg/kg bw/day (Consumers) 125 mg/kg bw/day (Workers) |
| Inhalative | Akute Local Effects | 147 mg/m ³ (Consumers) 246 mg/m ³ (Workers) |
| | Acute Systemic Effects | 426 mg/m ³ (Consumers) 1,091 mg/m ³ (Workers) |
| | Long Term Systemic Effects | 59 mg/m ³ (Consumers) 98 mg/m ³ (Workers) |

· **PNECs**

CAS: 111-76-2 2-butoxyethanol

| | | |
|------------|-------------------------------------|--|
| Inhalative | LC0 (Female, 1h, Steam) | >3.1 mg/l (Guinea Pig) |
| | LC0 (male, 1h, Steam) | >3.4 mg/l (Guinea Pig) |
| | EC0 16h | 700 mg/l (Bacteria) |
| | Fresh Water | 8.8 mg/l (Fresh Water) |
| | Marine Water | 0.88 mg/l (Marine Water) |
| | Fresh Water Sediments | 34.6 mg/kg (Fresh Water Sediments) |
| | Marine Water Sediments | 3.46 mg/kg (Marine Water Sediments) |
| | Microorganismus in Sewage Treatment | 463 mg/l (Microorganismus in Sewage Treatment) |
| | Soil (Agricultural) | 2.33 mg/kg (Soil (Agricultural)) |
| | Sporadic Release | 26.4 mg/l (Sporadic Release) |

· **Ingredients with biological limit values:**

CAS: 111-76-2 2-butoxyethanol

BMGV 240 mmol/mol creatinine
Medium: urine
Sampling time: post shift
Parameter: butoxyacetic acid

· **Additional information:** The lists valid during the making were used as basis.

· 8.2 Exposure controls

· **Appropriate engineering controls** No further data; see item 7.

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

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Wash hands before breaks and at the end of work.

· **Respiratory protection:** Filter A/P2· **Hand protection**

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

· **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.

Recommended thickness of the material: ≥ 0.4 mm· **Penetration time of glove material** Value for the permeation: Level ≤ 4 h· **For the permanent contact gloves made of the following materials are suitable:**

Nitrile rubber, NBR

· **For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**

Neoprene gloves

· **Eye/face protection** Not required.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Physical state

Aerosol

· Colour:

Brown

· Odour:

Characteristic

· Odour threshold:

Not determined.

· Melting point/freezing point:

Undetermined.

· Boiling point or initial boiling point and boiling range

175–210 °C (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics)

· Flammability

Not applicable.

· Lower and upper explosion limit

· Lower:

0.5 Vol % (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics)

· Upper:

7 Vol % (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics)

· Flash point:

65 °C

· Ignition temperature:

>250 °C

· Decomposition temperature:

Not determined.

· pH

Mixture is non-polar/aprotic.

· Viscosity:

· Kinematic viscosity at 20 °C

1.1 mm²/s

· Dynamic:

Not determined.

· Solubility

· water:

Not miscible or difficult to mix.

· Partition coefficient n-octanol/water (log value)

Not determined.

· Vapour pressure at 20 °C:

6,000 hPa

· Density and/or relative density

· Density at 20 °C:

0.79 g/cm³

· Relative density

Not determined.

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| | |
|---|--|
| · Vapour density | Not determined. |
| · 9.2 Other information | |
| · Appearance: | |
| · Form: | Aerosol |
| · Important information on protection of health and environment, and on safety. | |
| · Auto-ignition temperature: | Product is not selfigniting. |
| · Explosive properties: | Not determined. |
| · Solvent content: | |
| · Organic solvents: | 90.2 % |
| · Change in condition | |
| · Evaporation rate | Not applicable. |
| · Information with regard to physical hazard classes | |
| · Explosives | Void |
| · Flammable gases | Void |
| · Aerosols | Flammable aerosol. Pressurised container: May burst if heated. |
| · 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

· LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

| | | |
|------------|----------|--------------------|
| Oral | LD50 | 49,231 mg/kg (ATE) |
| Inhalative | LC50/4 h | 123 mg/l (ATE) |

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CAS: 64742-48-9 Naphtha (petroleum), hydrotreated heavy

| | | |
|--------|------|--------------------|
| Oral | LD50 | >5,000 mg/kg (rat) |
| Dermal | LD50 | >3,000 mg/kg (rab) |

CAS: 111-76-2 2-butoxyethanol

| | | |
|------------|----------|---|
| Oral | LD50 | 1,200 mg/kg (ATE) 1,414 mg/kg (Guinea Pig) (OECD 401) 1,480 mg/kg (rat) |
| Dermal | LD50 | >2,000 mg/kg (Guinea Pig) (OECD 402) 400 mg/kg (rab) |
| Inhalative | LC50/4 h | 3 mg/l (ATE) |

· **Aspiration hazard** May be fatal if swallowed and enters airways.· **Additional toxicological information:****CAS: 111-76-2 2-butoxyethanol**

| | | |
|------------|--|--|
| Oral | NOAEL (90d) (OECD 408) | <82 mg/kg bw/day (rat male) (OECD 408) >150 mg/kg bw/day (rat, female) (OECD 408) |
| Dermal | NOAEL (90d) (OECD 411) | mg/kg bw/day (Fish) (OECD 411) 150 mg/kg bw/day (rab) |
| Inhalative | NOAEC 90d NOAEC (14week, 5day/week) LOAEL (102w, 5 day/w) (OECD 453) NOAEC (rat, inhalation, 2 year) (OECD 451) | <31 ppm (rabbit) (OECD 411) 62.5 ppm (rat, female) (OECD 413) 152 mg/m ³ (rat) (OECD 453) 125 ppm (rat) (OECD 451) |

· **11.2 Information on other hazards**· **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information· **12.1 Toxicity**· **Aquatic toxicity:****CAS: 111-76-2 2-butoxyethanol**

| | |
|------------------------|--|
| LC50 96h (OECD 203) | 1,474 mg/l (Fish) (OECD 203) |
| LC50 48h | 1,550 mg/l (daphnia) |
| LC0 (96h) (OECD 203) | 150 mg/l (rab) (OECD 203) |
| EC50 48h (OECD 202) | 1,550 mg/l (daphnia) (OECD 202) |
| EC50 72h (OECD 201) | 1,840 mg/l (Pseudokirchneriella subcapitata) |
| NOEC, 21d (OECD211) | 100 mg/l (daphnia) (OECD 211) |
| NOEC 72h (OECD 201) | 286 mg/l (Algae) (OECD 201) |
| NOEL (21d) (OECD 204) | >100 mg/l (Fish) (OECD 204) |
| log Kow | 0.81 /(25°C, pH |
| BCF, no Bioakumulation | 3.16 |

Mineraloil Mixture

| | |
|---------------------|------------------------|
| LC50 96h (OECD 203) | >100 mg/l (Fish) |
| EC50 48h (OECD 202) | >10,000 mg/l (daphnia) |
| EC50 72h (OECD 201) | >100 mg/l (Algae) |

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| | |
|-----------|--------------------|
| EC50, 21d | >10 mg/l (daphnia) |
|-----------|--------------------|

| | |
|---|--|
| Reaction products of benzenesulfonic acid, mono-C20-24 (even)-sec-alkyl derivs. para-, calcium salts | |
|---|--|

| | |
|---------------------|------------------|
| LC50 96h (OECD 203) | >100 mg/l (Fish) |
|---------------------|------------------|



| | |
|---------------------|-----------------------|
| EC50 48h (OECD 202) | >1,000 mg/l (daphnia) |
|---------------------|-----------------------|

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **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**
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **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.

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

SECTION 14: Transport information

- | | |
|---|--|
| <ul style="list-style-type: none"> · 14.1 UN number or ID number · ADR, IMDG, IATA | UN1950 |
| <ul style="list-style-type: none"> · 14.2 UN proper shipping name · ADR · IMDG · IATA | 1950 AEROSOLS AEROSOLS Aerosols, flammable |
| <ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · ADR | |
|  | |
| <ul style="list-style-type: none"> · Class · Label | 2 5F Gases. 2.1 |
| <ul style="list-style-type: none"> · IMDG, IATA | |
|  | |
| <ul style="list-style-type: none"> · Class | 2.1 Gases. |

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| | |
|---|--|
| · Label | 2.1 |
| · 14.4 Packing group · ADR, IMDG, IATA | not regulated |
| · 14.5 Environmental hazards: | Not applicable. |
| · 14.6 Special precautions for user · Hazard identification number (Kemler code): - · EMS Number: · Stowage Code | Warning: Gases. F-D, S-U SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters. SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2. |
| · Segregation Code | |
| · 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |
| · Transport/Additional information: | |
| · ADR · Limited quantities (LQ) · Excepted quantities (EQ) | 1L Code: E0 Not permitted as Excepted Quantity |
| · Transport category · Tunnel restriction code | 2 D |
| · IMDG · Limited quantities (LQ) · Excepted quantities (EQ) | 1L Code: E0 Not permitted as Excepted Quantity |
| · UN "Model Regulation": | UN 1950 AEROSOLS, 2.1 |

SECTION 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 P3b** FLAMMABLE AEROSOLS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not 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.

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· Relevant phrases
H280 Contains gas under pressure; may explode if heated.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
· Abbreviations and acronyms:
ADR: Accord relatif au transport international 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 Harmonised 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)
DNEL: Derived No-Effect Level (UK REACH)
PNEC: Predicted No-Effect Concentration (UK REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Aerosol 2: Aerosols – Category 2
Press. Gas (Liq.): Gases under pressure – Liquefied gas
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 3: Acute toxicity – Category 3
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Asp. Tox. 1: Aspiration hazard – Category 1

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