



Printing date 23.11.2022 Version number 2.1 (replaces version 2.0) Revision: 23.11.2022

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

- · 1.1 Product identifier
- · Trade name: PROFI-CAR FAST-AND BRAKE-CLEANER-SPRAY
- · Article number: 61315
- · UFI: S5TF-W5Y7-P00Y-YUKR
- 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 Cleaning agent/ Cleaner
- · 1.3 Details of the supplier of the safety data sheet
- · Manufacturer/Supplier: PROFI-TECH GmbH Otto-Lilienthal-Straße 2 88046 Friedrichshafen ₱€9₶₺₺₦/a462860
- · 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



Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

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.

(Contd. on page 2)

Printing date 23.11.2022 Version number 2.1 (replaces version 2.0) Revision: 23.11.2022

Trade name: PROFI-CAR FAST-AND BRAKE-CLEANER-SPRAY, SCHNELL-UND **BREMSENREINIGER-SPRAY**

(Contd. of page 1)

· Hazard pictograms







GHS02

GHS07

· Signal word Danger

· Hazard-determining components of labelling:

Naphtha (petroleum), hydrotreated light

· Hazard statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H315 Causes skin irritation.

May cause drowsiness or dizziness. H336

Toxic to aquatic life with long lasting effects. H411

· Precautionary statements

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

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

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

· Additional information:

Contains Orange juice oil. May produce an allergic reaction.

- · 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: 64742-49-0 EC number: 927-510-4 Index number: 649-328-00-1 Reg.nr.: 01-2119475515-33- XXXX	Naphtha (petroleum), hydrotreated light Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	>50–≤80%
CAS: 64742-49-0 EC number: 921-024-6 Reg.nr.: 01-2119475514-35- XXXX	Naphtha (petroleum), hydrotreated light Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	>25–≤50%
CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0 Reg.nr.: 01-2119457558-25- XXXX	propan-2-ol	_ ≥5–<10%

(Contd. on page 3)

Printing date 23.11.2022 Version number 2.1 (replaces version 2.0) Revision: 23.11.2022

Trade name: PROFI-CAR FAST-AND BRAKE-CLEANER-SPRAY, SCHNELL-UND BREMSENREINIGER-SPRAY

		(Contd. of	
CAS: 124-38-9	carbon dioxide	1–≤	5%
EINECS: 204-696-9	♦ Press. Gas (Liq.), H280		
CAS: 8028-48-6	Orange juice oil	≥0.25-	-<1%
EINECS: 232-433-8	♠ Flam. Lig. 3. H226: ♦ Asp. Tox. 1. H304:		
Reg.nr.: 01-2119493353-35-	 Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; 		
xxxx	Skin Sens. 1, H317		
· Regulation (EC) No 648/2004	on detergents / Labelling for contents	•	
aliphatic hydrocarbons		≥	30%
perfumes, ISOPROPYL ALCO	HOL		
Additional information: For the	ne wording of the listed hazard phrases refer to section	n 16.	

SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- · General information: Immediately remove any clothing soiled by the product.
- · After inhalation: In case of unconsciousness place patient stably in side position for transportation.
- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · 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
- · 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 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:

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.

GB

Printing date 23.11.2022 Version number 2.1 (replaces version 2.0)

Trade name: PROFI-CAR FAST-AND BRAKE-CLEANER-SPRAY, SCHNELL-UND BREMSENREINIGER-SPRAY

(Contd. of page 3)

Revision: 23.11.2022

SECTION 7: Handling and storage

- · 7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.
- 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: 2 B
- · 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

020	Troit of Exposure controls perconal proteotion	
· 8.1 C	ontrol parameters	
Ingredients with limit values that require monitoring at the workplace:		
CAS:	67-63-0 propan-2-ol	
	Short-term value: 1250 mg/m³, 500 ppm Long-term value: 999 mg/m³, 400 ppm	
CAS:	124-38-9 carbon dioxide	
	Short-term value: 27400 mg/m³, 15000 ppm Long-term value: 9150 mg/m³, 5000 ppm	

Long-term value: 9150 mg/m³, 5000 ppm			
·DNELs	· DNELs		
CAS: 647	42-49-0 Naphtha (petroleum), hydrotreated light	
Oral	Long Term Systemic Effects	149 mg/kg bw/day (Consuments)	
Dermal	Long Term Systemic Effects	149 mg/kg bw/day (Consuments)	
		300 mg/kg bw/day (Workers)	
Inhalative	Long Term Systemic Effects	447 mg/m³ (Consuments)	
		2,085 mg/m³ (Workers)	
CAS: 647	42-49-0 Naphtha (petroleum), hydrotreated light	
Oral	Long Term Systemic Effects	699 mg/kg bw/day (Consuments)	
Dermal	Long Term Systemic Effects	699 mg/kg bw/day (Consuments)	
		773 mg/kg bw/day (Workers)	
Inhalative	Long Term Systemic Effects	608 mg/m³ (Consuments)	
		2,035 mg/m³ (Workers)	
CAS: 67-63-0 propan-2-ol			
Oral	Long Term Systemic Effects	26 mg/kg bw/day (Consuments)	
Dermal	Long Term Systemic Effects	319 mg/kg bw/day (Consuments)	
		888 mg/kg bw/day (Workers)	
Inhalative	Long Term Systemic Effects	89 mg/m³ (Consuments)	
		500 mg/m³ (Workers)	

		500 mg/m³ (Workers)	
PNECs			
CAS: 67-6	3-0 propan-2-ol		
Fresh Wat	er	140.9 mg/l (Fresh Water)	
			(Contd. on page 5)

- GB

Printing date 23.11.2022 Version number 2.1 (replaces version 2.0) Revision: 23.11.2022

Trade name: PROFI-CAR FAST-AND BRAKE-CLEANER-SPRAY, SCHNELL-UND BREMSENREINIGER-SPRAY

(Contd. of page 4)

Marine Water 140.9 mg/l (Marine Water)

Fresh Water Sediments 552 mg/kg (Fresh Water Sediments)
Marine Water Sediments 552 mg/kg (Marine Water Sediments)

Microorganismus in Sewage Treatment 2,251 mg/l (Microorganismus in Sewage Treatment)

Soil (Agricultural) 28 mg/kg (Soil (Agricultural))

· 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.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

· 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.

Filter A/P2

Hand protection



Protective gloves

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 $\leq 4h$
- 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 Aeroso

· Colour: According to product specification

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

(Contd. on page 6)

Printing date 23.11.2022 Version number 2.1 (replaces version 2.0) Revision: 23.11.2022

Trade name: PROFI-CAR FAST-AND BRAKE-CLEANER-SPRAY, SCHNELL-UND **BREMSENREINIGER-SPRAY**

(Contd. of page 5)

· Boiling point or initial boiling point and

boiling range Not applicable, as aerosol.

· Flammability Not applicable.

· Lower and upper explosion limit

0.8 Vol % · Lower: 8 Vol % · Upper: -12 °C Flash point: >200 °C Ignition temperature:

Decomposition temperature: Not determined.

· pH Mixture is non-polar/aprotic.

Viscosity:

Kinematic viscosity Not determined. · Dynamic: Not determined.

Solubility

· water: Not miscible or difficult to mix.

· Partition coefficient n-octanol/water (log

Not determined. · Vapour pressure at 20 °C: 6.000 hPa

Density and/or relative density

Density at 20 °C: 0.71 g/cm³ · Relative density Not determined. Not determined. · Vapour density

· 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: Product is not explosive. However, formation of

explosive air/vapour mixtures are possible.

· Solvent content:

· Organic solvents: 95.0 % · VOC (EC) 674.7 g/l

· Change in condition

· Evaporation rate Not applicable.

· Information with regard to physical hazard

classes Void · Explosives Flammable gases Void

· Aerosols Extremely flammable aerosol. Pressurised

Void

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

(Contd. on page 7)

Version number 2.1 (replaces version 2.0) Printing date 23.11.2022 Revision: 23.11.2022

Trade name: PROFI-CAR FAST-AND BRAKE-CLEANER-SPRAY, SCHNELL-UND **BREMSENREINIGER-SPRAY**

(Contd. of page 6)

· 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

Acute toxicity		
· LD/LC50 values relevant for classification:		
CAS: 64742-49-0 Naphtha (petroleum), hydrotreated light		
Oral	LD50	>5,840 mg/kg (rat)
Dermal	LD50	>2,800–3,100 mg/kg (rat)
Inhalative	LC50/4 h	>23.3 mg/l /4h (rat)
CAS: 647	42-49-0 Na	aphtha (petroleum), hydrotreated light
Oral	LD50	>5,840 mg/kg (rat)
Dermal	LD50	3,100 mg/kg (rat)
Inhalative LC50/4 h 25.2 mg/l /4h (rat)		
CAS: 67-63-0 propan-2-ol		
Oral	LD50	5,840 mg/kg (rat)
Dermal	LD50	13,900 mg/kg (rabbit)
Inhalative	LC50/6h	>25 mg/l (rat)

- · Skin corrosion/irritation Causes skin irritation.
- · STOT-single exposure May cause drowsiness or dizziness.
- · Aspiration hazard May be fatal if swallowed and enters airways.
- 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: 64742-49-0 Naphtha (petroleum), hydrotreated light		
EL50 48h	3.2 mg/l (daphnia)	
LL50 96h	13.4 mg/l (Oncorhynchus mykiss)	
CAS: 64742-49-0 Naphtha (petroleum), hydrotreated light		
EC50 48h (OECD 2	202) 0.64 mg/l (daphnia)	
EL50 48h	3 mg/l (daphnia)	
	(Contd. o	on page

Printing date 23.11.2022 Version number 2.1 (replaces version 2.0) Revision: 23.11.2022

Trade name: PROFI-CAR FAST-AND BRAKE-CLEANER-SPRAY, SCHNELL-UND **BREMSENREINIGER-SPRAY**

		(Contd. of page 7)
EL50 72h	30 mg/l (Pseudokirchneriella subcapitata)	
LL50 72h	15.8 mg/l (Oncorhynchus mykiss)	
log Kow	3.4–5.2	

- · 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
- · Remark: Toxic for fish
- Additional ecological information:
- · General notes:

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

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for 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.

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

SECTION 14:	Transport in	nformation
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· 14.1 UN number or ID number · ADR, IMDG, IATA	UN1950
· 14.2 UN proper shipping name	1950 AEROSOLS, ENVIRONMENTALLY
· ADR	HAZARDOUS
· IMDG	AEROSOLS, MARINE POLLUTANT
· IATA	Aerosols, flammable

- · 14.3 Transport hazard class(es)
- · ADR



2 5F Gases. · Class

(Contd. on page 9)

Revision: 23.11.2022

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

Printing date 23.11.2022

Version number 2.1 (replaces version 2.0)

Trade name: PROFI-CAR FAST-AND BRAKE-CLEANER-SPRAY, SCHNELL-UND **BREMSENREINIGER-SPRAY**

(Contd. of page 8) · Label 2.1 · IMDG · Class 2.1 Gases. · Label 2.1 ·IATA · Class 2.1 Gases. · Label 2.1 14.4 Packing group · ADR, IMDG, IATA not regulated · 14.5 Environmental hazards: Product contains environmentally hazardous substances: Naphtha (petroleum), hydrotreated light · Marine pollutant: Symbol (fish and tree) Symbol (fish and tree) · Special marking (ADR): · 14.6 Special precautions for user Warning: Gases. Hazard identification number (Kemler code): -· EMS Number: F-D.S-U SW1 Protected from sources of heat. · Stowage Code 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 · Segregation Code 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. · 14.7 Maritime transport in bulk according to IMO instruments Not applicable. · Transport/Additional information: · Limited quantities (LQ) 1L Excepted quantities (EQ) Code: E0 Not permitted as Excepted Quantity · Transport category 2 Tunnel restriction code D

(Contd. on page 10)

Printing date 23.11.2022 Version number 2.1 (replaces version 2.0) Revision: 23.11.2022

Trade name: PROFI-CAR FAST-AND BRAKE-CLEANER-SPRAY, SCHNELL-UND BREMSENREINIGER-SPRAY

(Contd. of page 9)

· IMDG
· Limited quantities (LQ)
· Excepted quantities (EQ)

· UN "Model Regulation":

UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

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

E2 Hazardous to the Aquatic Environment

P3b FLAMMABLE AEROSOLS

- · Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t
- · Qualifying quantity (tonnes) for the application of upper-tier requirements 500 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.

· Relevant phrases

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

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.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

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)

VOC: Volatile Organic Compounds (USA, EU)

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 1: Aerosols - Category 1

Press. Gas (Lig.): Gases under pressure - Liquefied gas

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids - Category 3

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

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation - Category 1

STOT SE 3: Specific target organ toxicity (single exposure) - Category 3

(Contd. on page 11)

Page 11/11

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

Printing date 23.11.2022

Version number 2.1 (replaces version 2.0)

Revision: 23.11.2022

Trade name: PROFI-CAR FAST-AND BRAKE-CLEANER-SPRAY, SCHNELL-UND BREMSENREINIGER-SPRAY

(Contd. of page 10)

Asp. Tox. 1: Aspiration hazard – Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

GB