



Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 20.07.2021 Version number 1.0 Revision: 20.07.2021 1 Identification of the substance/mixture and of the company/undertaking · Product identifier · Trade name: Profi Car Ceramic-Chain Spray, Keramik-Ketten Spray · Article number: 67014 · UFI: JN9F-A51D-800E-8242 · Relevant identified uses of the substance or mixture and uses advised against No further relevant information available. · Application of the substance / the mixture Lubricant · Details of the supplier of the safety data sheet · Manufacturer/Supplier: PROFI-TECH GmbH Otto-Lilienthal-Straße 2 +49 7541 402860 88046 Friedrichshafen Deutschland · Further information obtainable from: Abteilung Produktsicherheit 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) 2 Hazards identification · Classification of the substance or mixture · Classification according to Regulation (EC) No 1272/2008 flame H222-H229 Extremely flammable aerosol. Pressurised container: May burst if Aerosol 1 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. · Label elements · Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation. · Hazard pictograms GHS02 GHS07 GHS09 (Contd. on page 2)

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Trade name: Profi Car Ceramic Chain Spray

· Signal wo	rd Danger (Contd. of page 1)
•	-
	termining components of labelling:
	petroleum), hydrotreated light
Hazard sta	
	9 Extremely flammable aerosol. Pressurised container: May burst if heated.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
	nary statements
P101	If medical advice is needed, have product container or label at hand.
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 smoking.
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+P41	2 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.
Additional	I information:
Buildup of	explosive mixtures possible without sufficient ventilation.
Other haza	ards
Results of	FPBT and vPvB assessment
· PBT: Not a	applicable.
• vPvB: Not	
	••
Compos	ition/information on ingredients

· Mixtures

· Description: Mixture of substances listed below with nonhazardous additions.

CAS: 64742-49-0	Naphtha (petroleum), hydrotreated light	>25–≤50%
EC number: 927-510-4 Index number: 649-328-00-1 Reg.nr.: 01-2119475515-33- XXXX	 Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336, EUH208 	
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, EUH208	>25–≤50%
CAS: 9003-27-4	POLYISOBUTYLENE	>10–≤25%
CAS: 124-38-9 EINECS: 204-696-9	carbon dioxide 🔶 Press. Gas (Liq.), H280	1–≤5%
CAS: 29806-73-3 EINECS: 249-862-1 Reg.nr.: 01-2119974122-42- XXXX	2-Ethylhexylpalmitat	1–≤5%
CAS: 64742-54-7 EINECS: 265-157-1 Index number: 649-467-00-8	Distillates (petroleum), hydrotreated heavy paraffinic	0.1–≤1%
CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0 Reg.nr.: 01-2119457558-25- XXXX	propan-2-ol Flam. Liq. 2, H225;	0.1–≤1%

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	Mineraloil Mixture	≥0.01–≤1%
	🚸 Asp. Tox. 1, H304	
EC number: 939-717-7 Reg.nr.: 01-2119980985-16-	calcium bis(di C8-C10, branched, C9 rich, alkylnaphtalenesulphonate	≥0.01–≤1%
0000	🚸 Skin Irrit. 2, H315; Eye Irrit. 2, H319	
EC number: 947-519-7 Reg.nr.: 01-2120765489-39- XXXX	Reaction products of benzenesulfonic acid, mono-C20-24 (even)-sec-alkyl derivs. para-, caltium salts	≥0.01–≤1%
CAS: 68442-22-8 EINECS: 270-478-5 Reg.nr.: 01-2119948548-22- XXXX	Phosphorodithioic acid, mixed O,O-Bis (2- ethylhexyl and isobu) esters, zinc salts with oil	0.01–≤0.1%
CAS: 1314-13-2 EINECS: 215-222-5 Index number: 030-013-00-7	zinc oxide Aquatic Acute 1, H400; Aquatic Chronic 1, H410	≥0.025–≤0.1%
· Regulation (EC) No 648/2004	on detergents / Labelling for contents	-
aliphatic hydrocarbons		≥30%
ISOPROPYL ALCOHOL		

• Additional information: For the wording of the listed hazard phrases refer to section 16.

4 First aid measures

· 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: If symptoms persist consult doctor.
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- *Indication of any immediate medical attention and special treatment needed* No further relevant information available.

5 Firefighting measures

- Extinguishing media
- Suitable extinguishing agents:
- CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Special hazards arising from the substance or mixture No further relevant information available.
- Advice for firefighters
- · Protective equipment: No special measures required.

6 Accidental release measures

 Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away.
 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.
 Methods and material for containment and cleaning up: Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

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· 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.

7 Handling and storage

 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.

- · 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
- · Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

· Control parameters

CAS: 124	-38-9 carbon dioxide		
WEL Sho	rt-term value: 27400 mg/m³, 1	15000 ppm	
Lon	g-term value: 9150 mg/m³, 50	00 ppm	
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/m ³ (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: 67-6	53-0 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)	

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010 00 1		(Contd. of pa
CAS: 684	42-22-8 Phosphorodithioic a esters, zinc salts wi	acid, mixed O,O-Bis (2-ethylhexyl and isobu)
Dermal	•	11.4 mg/kg bw/day (Workers)
	Long Term Systemic Effects	
PNECs		
	3-0 propan-2-ol	
Fresh Wat		140.9 mg/l (Fresh Water)
Marine Wa		140.9 mg/l (Marine Water)
	ter Sediments	552 mg/kg (Fresh Water Sediments)
	ater Sediments	552 mg/kg (Marine Water Sediments)
		2,251 mg/l (Microorganismus in Sewage Treatment)
Soil (Agrie	-	28 mg/kg (Soil (Agricultural))
• •	•	during the making were used as basis.
In case of	use self-contained respiratory	on use respiratory filter device. In case of intensive or log protective device.
U	Protective gloves	
The glove preparatio		neable and resistant to the product/ the substance/
Due to mi		tion to the glove material can be given for the product
Selection degradation Material of	on	ideration of the penetration times, rates of diffusion and
The select of quality a substance to be chec	tion of the suitable gloves doe and varies from manufacture s, the resistance of the glove ked prior to the application.	es not only depend on the material, but also on further m r to manufacturer. As the product is a preparation of sev material can not be calculated in advance and has there
	ermanent contact gloves ma	lue for the permeation: Level ≤ 4h ade of the following materials are suitable:
For the p materials	permanent contact of a ma are suitable:	aximum of 15 minutes gloves made of the follow
<i>materials</i> Neoprene	are suitable:	aximum of 15 minutes gloves made of the f

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9 Physical and chemical properties	
· Information on basic physical and chemica	l properties
· General Information	
· Physical state	Aerosol
· Colour:	Amber coloured
· Odour:	Characteristic
· Odour threshold:	Not determined.
· Melting point/freezing point:	Undetermined.
· Boiling point or initial boiling point and	
boiling range	80–130 °C
· Flammability	Not applicable.
· Lower and upper explosion limit	
· Lower:	0.8 Vol %
· Upper:	7.7 Vol %
· Flash point:	-12 °C
· Auto-ignition temperature:	Product is not selfigniting.
	Not determined.
• Decomposition temperature:	
· pH	Mixture is non-polar/aprotic.
Viscosity:	4.4
· 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:	0.73617 g/cm³
· Relative density	Not determined.
· Vapour density	Not determined.
• Other information	
· Appearance:	
· Form:	Aerosol
· Important information on protection of heat	
and environment, and on safety.	
	240-420 °C (CAS: 9003-27-4
· Ignition temperature:	
Franka a interna média a c	POLYISOBUTYLENE)
· Explosive properties:	Product is not explosive. However, formation of
• • • • •	explosive air/vapour mixtures are possible.
Solvent content:	
· Organic solvents:	67.3 %
Change in condition	
· Evaporation rate	Not applicable.
· Information with regard to physical haza	rd
classes	
·Explosives	Void
· Flammable gases	Void
· Aerosols	Extremely flammable aerosol. Pressurised
	container: May burst if heated.
	Void
Ovidicing gasac	voiu
· Oxidising gases	Maid
· Gases under pressure	Void
· Gases under pressure · Flammable liquids	Void
· Gases under pressure · Flammable liquids · Flammable solids	Void Void
 Gases under pressure Flammable liquids Flammable solids Self-reactive substances and mixtures 	Void Void Void
· Gases under pressure · Flammable liquids · Flammable solids	Void Void

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· 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	

10 Stability and reactivity

· Reactivity No further relevant information available.

- · Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

Information on hazard classes as defined in Regulation (EC) No 1272/2008
 Acute toxicity

CAS: 647	12 10 0 N	and the (notroloum) by drotrooted light	
		aphtha (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/kg /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/kg /4h (rat)	
CAS: 67-6	63-0 propa	n-2-ol	
Oral	LD50	5,840 mg/kg (rat)	
Dermal	LD50	13,900 mg/kg (rabbit)	
Inhalative	LC50/6h	>25 mg/l (rat)	
CAS: 131	4-13-2 zin	c oxide	
Oral	LD50	>5,000 mg/kg (rat)	
Skin corr	osion/irrit	ation Causes skin irritation.	
STOT-sin	gle expos	ure May cause drowsiness or dizziness.	
Aspiratio	n hazard l	May be fatal if swallowed and enters airways.	
Informatio	on on oth	er hazards	
Endocrin	e disruptii	ng properties	

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Toxicity	
Aquatic to	xicity:
CAS: 6474	2-49-0 Naphtha (petroleum), hydrotreated light
EL50 48h	3.2 mg/l (daphnia)
LL50 96h	13.4 mg/l (Oncorhynchus mykiss)
CAS: 6474	2-49-0 Naphtha (petroleum), hydrotreated light
EC50 48h	0.64 mg/l (daphnia)
EL50 48h	3 mg/l (daphnia)
EL50 72h	30 mg/l (Pseudokirchneriella subcapitata)
LL50 72h	15.8 mg/l (Oncorhynchus mykiss)
CAS: 9003	-27-4 POLYISOBUTYLENE
LC50 96h	>1,000 mg/l (Fish)
Mineraloil	Mixture
LC50 96h	>100 mg/l (Fish)
EC50 48h	>10,000 mg/l (daphnia)
EC50 72/h	>100 mg/l (Algae)
EC50, 21d	>10 mg/l (daphnia)
caltium sa	
LC50 96h	>100 mg/l (Fish)
EC50 48h	>1,000 mg/l (daphnia)
Bioaccum Mobility ir Results of PBT: Not a vPvB: Not Endocrine The produc Other adv Remark: 1	ce and degradability No further relevant information available. ulative potential No further relevant information available. soil No further relevant information available. PBT and vPvB assessment applicable. applicable. disrupting properties ct does not contain substances with endocrine disrupting properties. erse effects foxic for fish ecological information: btes:

· 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.

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UN number or ID number	
· ADR, IMDG, IATA	UN1950
UN proper shipping name ADR	1950 AEROSOLS, ENVIRONMENTALI HAZARDOUS
IMDG IATA	AEROSOLS Aerosols, flammable
Transport hazard class(es)	
ADR	
Class	2 5F Gases.
· Label · IMDG, IATA	2.1
Class	2.1
Label	2.1
Packing group ADR, IMDG, IATA	not regulated
Environmental hazards:	Product contains environmentally hazardo substances:
· Special marking (ADR):	Symbol (fish and tree)
Special precautions for user Hazard identification number (Kemler c EMS Number: Stowage Code	F-D,S-U SW1 Protected from sources of heat.
Conversion Code	SW22 For AEROSOLS with a maximum capac of 1 litre: Category A. For AEROSOLS with capacity above 1 litre: Category B. For WAST AEROSOLS: Category C, Clear of living quarters
Segregation Code	SG69 For AEROSOLS with a maximum capac 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 class 2.
	For WASTE AEROSOLS: Segregation as for the appropriate subdivision class 2.
Maritime transport in bulk according to instruments	IMO Not applicable.

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Transport/Additional information:	
ADR	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0
	Not permitted as Excepted Quantity
· Transport category	2
Tunnel restriction code	D
·IMDG	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0
	Not permitted as Excepted Quantity
· UN "Model Regulation":	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

15 Regulatory information

· 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
- 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

- H225 Highly 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.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

EUH208 Contains . May produce an allergic reaction.

· 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 (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

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vPvB: very Persistent and very Bioaccumulative	,
Aerosol 1: Aerosols – Category 1	
Press. Gas (Liq.): Gases under pressure – Liquefied gas	
Flam. Liq. 2: Flammable liquids – Category 2	
Skin Irrit. 2: Skin corrosion/irritation – Category 2	
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2	
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3	
Asp. Tox. 1: Aspiration hazard – Category 1	
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1	
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1	
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2	
* Data compared to the previous version altered.	
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