



SAFETY DATA SHEET

PROFI-CAR CAT CLEANER

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Compilation date: 17.11.2020

Revision No: 1

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

1.1. Product identifier

Product name: PC CAT CLEANER (UFI:5WUC-W588-300W-TY55)

Product code: 60252

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

Use of substance / mixture: Cleaner corrosion protection additiv liqiud

1.3. Details of the supplier of the safety data sheet

Company name: PROFI-TECH GmbH

Otto-Lilienthal-Strasse 2

Friedrichshafen

88046

Germany

Tel: +49 7541 402860

Fax: +49 7541 4028699

Email: info@profi-tech.com

1.4. Emergency telephone number

Emergency tel: 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 under CLP: Asp. Tox. 1: H304; Aquatic Chronic 2: H411; Flam. Liq. 2: H225; Skin Irrit. 2: H315

Most important adverse effects: Highly flammable liquid and vapour. May be fatal if swallowed and enters airways.
Causes skin irritation. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H225: Highly flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark

GHS08: Health hazard

GHS09: Environmental



[cont...]



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Signal words: Danger

Precautionary statements: P102: Keep out of reach of children.

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

P241: Use explosion-proof equipment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P302+P352: IF ON SKIN: Wash with plenty of water.

P362+P364: Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

ETHANOL

EINECS	CAS	PBT / WEL	CLP Classification	Percent
200-578-6	64-17-5	Substance with a Community workplace exposure limit.	Flam. Liq. 2: H225	30-50%

LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDROTREATED LIGHT

265-151-9	64742-49-0	-	Asp. Tox. 1: H304; Flam. Liq. 1: H224; Skin Irrit. 2: H315; Aquatic Chronic 2: H411	10-30%
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TERT-BUTYL METHYL ETHER

216-653-1	1634-04-4	-	Flam. Liq. 2: H225; Skin Irrit. 2: H315	10-30%
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KEROSINE - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM. - REACH registered number(s): 01-2119510128-50-0000

265-198-5	64742-94-5	-	Asp. Tox. 1: H304; Aquatic Chronic 2: H411	1-10%
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Non-classified ingredients:

2-ETHYL-1-HEXANOL - REACH registered number(s): 01-2119487289-20

EINECS	CAS	PBT / WEL	CLP Classification	Percent
203-234-3	104-76-7	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335	<1%

[cont...]



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HYDROCARBONS, C11-14,N-ALKANES, ISOALKANES, CYCLICS, <2%AROMATICS [DISTILLATES (PETROLEUM), HYDROTREATED LIGHT] - REACH registered number(s): 01-2119456620-43

265-149-8	64742-47-8	-	Asp. Tox. 1: H304; -: EUH066	<1%
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1,2,4-TRIMETHYLBENZENE - REACH registered number(s): COMPLIANT

202-436-9	95-63-6	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Aquatic Chronic 2: H411	<1%
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NAPHTHALENE - REACH registered number(s): COMPLIANT

202-049-5	91-20-3	-	Carc. 2: H351; Acute Tox. 4: H302; Aquatic Chronic 1: H410; Aquatic Acute 1: H400	<1%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

[cont...]



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5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid the formation or spread of mists in the air. Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

TERT-BUTYL METHYL ETHER

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	183.5 mg/m ³	367 mg/m ³	-	-

Non-classified ingredients:

[cont...]



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HYDROCARBONS, C11-14,N-ALKANES, ISOALKANES, CYCLICS, <2%AROMATICS [DISTILLATES (PETROLEUM), HYDROTREATED

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	1200 mg/m ³	-	-	-

1,2,4-TRIMETHYLBENZENE

UK	125 mg/m ³	-	-	-
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DNEL/PNEC Values

Hazardous ingredients:

TERT-BUTYL METHYL ETHER

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	357 mg/m ³	Workers	Local
DNEL	Inhalation (repeated dose)	178,5 mg/m ³	Workers	Systemic
DNEL	Dermal (repeated dose)	5100 mg/kg/day	Workers	Systemic
DNEL	Inhalation	214 mg/m ³	Consumers	Local
DNEL	Inhalation (repeated dose)	53,6 mg/m ³	Consumers	Systemic
DNEL	Dermal (repeated dose)	3570 mg/kg/day	Consumers	Systemic
DNEL	Oral (repeated dose)	7,1 mg/kg/day	Consumers	Systemic
PNEC	Fresh water	5,1 mg/l	-	-
PNEC	Marine water	0,26 mg/l	-	-
PNEC	Fresh water sediments	23 mg/kg	-	-
PNEC	Marine sediments	1,17 mg/kg	-	-
PNEC	Soil (agricultural)	1,43 mg/kg	-	-

KEROSINE - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM.

Type	Exposure	Value	Population	Effect
DNEL	Dermal (repeated dose)	12,5 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	151 mg/m ³	Workers	Systemic
DNEL	Dermal (repeated dose)	7,5 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation (repeated dose)	32 mg/m ³	Consumers	Systemic
DNEL	Oral (repeated dose)	7,5 mg/kg bw/day	Consumers	Systemic

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Environmental: The floor of the storage room must be impermeable to prevent the escape of liquids.

Prevent from entering in public sewers or the immediate environment.

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Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Off-white

Odour: Characteristic odour

Evaporation rate: Moderate

Solubility in water: Slightly soluble

Also soluble in: Most organic solvents.

Viscosity: Non-viscous

Kinematic viscosity: 1,1

Viscosity test method: Kinematic viscosity in 10-6 m²/s at 40°C (ISO 3104/3105)

Boiling point/range°C: 55-110

Melting point/range°C: -109

Flammability limits %: lower: 1,6

upper: 8,4

Flash point°C: -18

Autoflammability°C: 460

Vapour pressure: 270hPa 20°C

Relative density: 0,76

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

[cont...]



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Hazardous ingredients:

ETHANOL

IVN	RAT	LD50	1440	mg/kg
ORL	MUS	LD50	3450	mg/kg
ORL	RAT	LD50	7060	mg/kg

KEROSINE - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM.

DERMAL	RBT	LD50	>2	mL/kg
ORL	RAT	LDLO	5	ml/kg
VAPOURS	RAT	4H LC50	>590	mg/m ³

Non-classified ingredients:

2-ETHYL-1-HEXANOL

DERMAL	RAT	LD50	>3000	mg/kg
DUST/MIST	RAT	4H LC50	5	mg/l
ORAL	RAT	LD50	2047	mg/kg
VAPOURS	RAT	4H LC50	>0,89	mg/l

HYDROCARBONS, C11-14,N-ALKANES, ISOALKANES, CYCLICS, <2%AROMATICS [DISTILLATES (PETROLEUM), HYDROTREATED LIGHT]

DERMAL	RBT	LD50	>5000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg
VAPOURS	RAT	8H LC50	>5000	mg/m ³

1,2,4-TRIMETHYLBENZENE

IPR	RAT	LDLO	1752	mg/kg
ORL	RAT	LD50	5	gm/kg

NAPHTHALENE

ORL	MUS	LD50	316	mg/kg
ORL	RAT	LD50	490	mg/kg
SKN	RAT	LD50	>2500	mg/kg

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion.

[cont...]



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Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

2-ETHYL-1-HEXANOL

ALGAE	72H ErC50	11,5	mg/l
DAPHNIA	48H EC50	39	mg/l

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: Use principally as a fuel or other means to generate energy. Solvent reclamation/regeneration.

Waste code number: 070704

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1993

14.2. UN proper shipping name

Shipping name: FLAMMABLE LIQUID, N.O.S.

[cont...]



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(ETHANOL; LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA
(PETROLEUM), HYDROTREATED LIGHT; TERT-BUTYL METHYL ETHER)

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: II

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 2

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH066: Repeated exposure may cause skin dryness or cracking.

H224: Extremely flammable liquid and vapour.

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H351: Suspected of causing cancer ({{{0|||message=<state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>|||filter=(_)? EXP_ROUTE_.+}}}).

[cont...]



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H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.