



## SAFETY DATA SHEET

### PC BENZIN-SYSTEM-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 BENZIN-SYSTEM-CLEANER (UFI:0F5C-C5Q0-J006-FMG1)

**Product code:** 60002

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

**Use of substance / mixture:** Cleaner corrosion protection additiv liquud

##### 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 3: H412; -: EUH066

**Most important adverse effects:** Repeated exposure may cause skin dryness or cracking. May be fatal if swallowed and enters airways. Harmful to aquatic life with long lasting effects.

##### 2.2. Label elements

**Label elements:**

**Hazard statements:** EUH066: Repeated exposure may cause skin dryness or cracking.

H304: May be fatal if swallowed and enters airways.

H412: Harmful to aquatic life with long lasting effects.

**Hazard pictograms:** GHS08: Health hazard



**Signal words:** Danger

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

P273: Avoid release to the environment.

[cont...]



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

P331: Do NOT induce vomiting.

P405: Store locked up.

P501: Dispose of contents/container to hazardous or special waste collection point.

#### 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:

HYDROCARBON MIX C10-C13, <0,1% BENZENE - REACH registered number(s): 01-2119457273-39-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
918-481-9	64742-48-9	-	Asp. Tox. 1: H304; -: EUH066	70-90%

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

203-234-3	104-76-7	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335	1-10%
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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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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	Substance with a Community workplace exposure limit.	Asp. Tox. 1: H304; -: EUH066	1-10%
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##### Non-classified ingredients:

1,2,4-TRIMETHYLBENZENE - REACH registered number(s): COMPLIANT

EINECS	CAS	PBT / WEL	CLP Classification	Percent
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%

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

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#### 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.

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

### 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.

#### 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.

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#### 6.4. Reference to other sections

### 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

**Non-classified ingredients:**

#### 1,2,4-TRIMETHYLBENZENE

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	125 mg/m <sup>3</sup>	-	-	-

#### DNEL/PNEC Values

**Hazardous ingredients:**

#### 2-ETHYL-1-HEXANOL

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	106,4 mg/m <sup>3</sup>	Workers	Local
DNEL	Dermal (repeated dose)	23 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	53,2 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Inhalation	53,2 mg/m <sup>3</sup>	Consumers	Local
DNEL	Dermal (repeated dose)	11,4 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation (repeated dose)	2,3 mg/m <sup>3</sup>	Consumers	Systemic
DNEL	Oral (repeated dose)	1,1 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation (repeated dose)	12,8 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Inhalation (repeated dose)	26,6 mg/m <sup>3</sup>	Consumers	Local
DNEL	Inhalation	26,6 mg/m <sup>3</sup>	Consumers	Local

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

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

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

Type	Exposure	Value	Population	Effect
DNEL	Dermal (repeated dose)	12,5 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	151 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal (repeated dose)	7,5 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation (repeated dose)	32 mg/m <sup>3</sup>	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. Ensure lighting and electrical equipment are not a source of ignition. The floor of the storage room must be impermeable to prevent the escape of liquids. Ensure a retention tank is installed.

**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.

### Section 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Yellow-orange

**Odour:** Characteristic odour

**Evaporation rate:** Slow

**Solubility in water:** Slightly soluble

**Also soluble in:** Most organic solvents.

**Viscosity:** Non-viscous

**Kinematic viscosity:** 1,5

**Viscosity test method:** Kinematic viscosity in 10-6 m<sup>2</sup>/s at 40°C (ISO 3104/3105)

**Boiling point/range°C:** 130-220

**Flammability limits %: lower:** 0,6

**upper:** 7,0

**Flash point°C:** 64

**Autoflammability°C:** 200

**Vapour pressure:** 80mbar

**Relative density:** 0,7956

**VOC g/l:** 795

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#### 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.

#### 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

Hazardous ingredients:

##### HYDROCARBON MIX C10-C13, <0,1% BENZENE

DERMAL	RBT	LD50	>5000	mg/kg
GASES	RAT	1H LC50	>4,951	mg/l
ORAL	RAT	LD50	>5000	mg/kg

##### 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

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

DERMAL	RBT	LD50	>2	mL/kg
ORL	RAT	LDLO	5	ml/kg

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VAPOURS	RAT	4H LC50	>590	mg/m <sup>3</sup>
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#### 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 <sup>3</sup>

#### Non-classified ingredients:

##### 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.

### Section 12: Ecological information

#### 12.1. Toxicity

#### Hazardous ingredients:

##### HYDROCARBON MIX C10-C13, <0,1% BENZENE

ALGAE	72H ErC50	1000	mg/l
Daphnia magna	48H EC50	1000	mg/l
Oncorhynchus mykiss	96H LC50	1000	mg/l

##### 2-ETHYL-1-HEXANOL

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



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#### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable. Aerobically biodegradable. Photodegradable.

#### 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

**Transport class:** This product does not require a classification for transport.

### 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.

[cont...]





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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\_.+}}}).

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

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful 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.

