

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006

## Autoprofi Engine Clean

Print date: 14.12.2011

Product code: 695

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

#### Product identifier

Autoprofi Engine Clean

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

##### Use of the substance/mixture

Cleaning agent for Engines

#### Details of the supplier of the safety data sheet

Company name:	CTP-GmbH	
Street:	Saalfelder Straße 35	
Place:	D-07338 Leutenberg	
Telephone:	+4936734/230-0	Telefax: +4936734/230-22
e-mail:	hotline@ctp-gmbh.de	
Contact person:	Jens Moeller, Dipl.-Chem.	Telephone: +4936734/230-19
Internet:	www.ctp-gmbh.de	

#### Further Information

Article Number: 43210-1

### SECTION 2: Hazards identification

#### Classification of the substance or mixture

Indications of danger : Harmful

R-phrases:

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Harmful: may cause lung damage if swallowed.

#### Label elements

Danger symbols: Xn - Harmful



Xn - Harmful

#### Hazardous components which must be listed on the label

Distillates (petroleum, gasoline), hydrotreated light

#### R phrases

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
65 Harmful: may cause lung damage if swallowed.

#### S phrases

02 Keep out of the reach of children.  
46 If swallowed, seek medical advice immediately and show this container or label.

### SECTION 3: Composition/information on ingredients

#### Mixtures

##### Chemical characterization

Anti Friction Components  
Detergents, Dispersants  
Synthetic agent combinations  
corrosion preventing agent

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### Hazardous components

EC No.	Chemical name	Quantity
CAS No.	Classification	
Index No.	GHS classification	
REACH No.		
265-149-8	Distillates (petroleum, gasoline), hydrotreated light	95 - 100 %
64742-47-8	Xn R10-65	
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H336 H304 H411	
272-028-3	Alcyl dithio phosphate	1 - 5 %
68649-42-3	Xi, N R38-41-51-53	
	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 2; H315 H318 H411	

Full text of R- and H-phrases: see section 16.

## SECTION 4: First aid measures

### Description of first aid measures

#### After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

#### After contact with skin

Take off immediately all contaminated clothing, including underwear and shoes .

Subsequently wash again with: Water and soap.

Seek medical attention if problems persist.

#### After contact with eyes

Remove contact lenses.

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. After ingestion of absorption substances: Consult physician.

#### After ingestion

Let water be swallowed in little sips (dilution effect). Consult physician.

Do not induce vomiting.

### Most important symptoms and effects, both acute and delayed

Frequently or prolonged contact with skin may cause dermal irritation.

Irritation of eyes: Irritant effect possible.

After ingestion: Harmful: may cause lung damage if swallowed.

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

Warning about danger of aspiration.

## SECTION 5: Firefighting measures

### Extinguishing media

#### Suitable extinguishing media

Extinguishing powder. Sand. Carbon dioxide (CO<sub>2</sub>). alcohol resistant foam.

#### Extinguishing media which must not be used for safety reasons

High power water jet.

### Special hazards arising from the substance or mixture

Formation of decomposition products possible.

In case of fire and/or explosion do not breathe fumes.

### Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

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### Additional information

- Cool endangered container in case of fire.
- Beat down gas/vapours/mist with water spray.
- Contaminated fire-fighting water must be collected separately.

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- Wear a self-contained breathing apparatus and chemical resistant suit.
- Keep away from sources of ignition. No smoking.
- Do not breathe gas/fumes/vapour/spray.

### Environmental precautions

- Beat down gas/vapours/mist with water spray.
- Do not empty into drains or the aquatic environment.
- In case of gas being released or leakage into waters, ground or the drainage system, the appropriate authorities must be informed.

### Methods and material for containment and cleaning up

- Prevent spreading of spillages (e.g. by oil barrier).
- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

## SECTION 7: Handling and storage

### Precautions for safe handling

#### Advice on safe handling

- Material must only be handled in closed installations or systems. Vapours / aerosols must be extracted by suction immediately at point of origin.
- Avoid contact with skin and eyes.

#### Advice on protection against fire and explosion

- Keep away from sources of ignition. No smoking.
- Take precautionary measures against static discharges.

### Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

- Keep container tightly closed in a cool, well-ventilated place.
- Do not store at temperatures over: 50 °C
- Take precautionary measures against static discharges.

## SECTION 8: Exposure controls/personal protection

### Control parameters

### Exposure controls

#### Protective and hygiene measures

- Take off immediately all contaminated clothing
- Do not breathe gas/fumes/vapour/spray.
- Avoid contact with skin and eyes.
- Keep away from food, drink and animal feeding stuffs.
- When using do not eat, drink or smoke.
- "Wash hands when done working with material; at breaks, lunch, shift changes, etc."

#### Respiratory protection

- In case of accumulation of fumes/aerosols, provide adequate ventilation.
- In case of fire: Wear self-contained breathing apparatus.

#### Hand protection

- Tested protective gloves are to be worn: NBR (Nitrile rubber). FKM (Fluoroelastomer (Viton)). (EN374)

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### Eye protection

Wear tightly sealed safety glasses against possible splashes into the eyes. (EN 166)

### Skin protection

Wear suitable solvent-proof protective clothing according to EN 465.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Physical state:	liquid
Colour:	transparent
Odour:	aromatic

### Test method

#### Changes in the physical state

Boiling point:	180 - 220 °C
Flash point:	65 °C
Lower explosion limits:	
Upper explosion limits:	
Ignition temperature:	> 200 °C
Vapour pressure: (at 20 °C)	20 hPa
Density (at 20 °C):	0.82 - 0.92 g/cm <sup>3</sup>
Water solubility: (at 20 °C)	insoluble
Solubility in other solvents:	Organic solvents

## SECTION 10: Stability and reactivity

### Conditions to avoid

Only use material in places where open light, fire and other sources of ignition can be kept away.  
No decomposition when used as intended.

### Incompatible materials

Oxidizing agents. acid, concentrated. Alkalis (alkalis), concentrated.

### Hazardous decomposition products

No hazardous decomposition products are known.

## SECTION 11: Toxicological information

### Information on toxicological effects

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#### Acute toxicity

CAS No.	Chemical name				
	Exposure routes	Method	Dose	Species	h Source
64742-47-8	Distillates (petroleum, gasoline), hydrotreated light				
	Acute oral toxicity	LD50 mg/kg	>15000	rat.	
	Acute dermal toxicity	LD50	3400 mg/kg	rat.	
	Acute inhalation toxicity	LC50	13100 mg/l	rat.	
68649-42-3	Alcyl dithio phosphate				
	Acute oral toxicity	LD50 mg/kg	2000-5000	rat.	
	Acute dermal toxicity	LD50	>2000 mg/kg	Rabbit.	

#### Irritation and corrosivity

After skin contact: Frequently or prolonged contact with skin may cause dermal irritation.

Irritation of eyes: Irritant effect possible.

#### Sensitizing effects

no danger of sensitization.

### SECTION 12: Ecological information

#### Toxicity

CAS No.	Chemical name				
	Aquatic toxicity	Method	Dose	Species	h Source
64742-47-8	Distillates (petroleum, gasoline), hydrotreated light				
	Acute fish toxicity	LC50	10 mg/l	Oncorhynchus mykiss	96
	Acute algae toxicity	ErC50	4,6 mg/l	Pseudokirchneriella subcapitata	72
	Acute crustacea toxicity	EC50	10 mg/l	Daphnia magna	48
68649-42-3	Alcyl dithio phosphate				
	Acute fish toxicity	LC50	1-10 mg/l	Fish	96
	Acute crustacea toxicity	EC50	1-10 mg/l	Daphnia magna	48

#### Bioaccumulative potential

Low potential of bio-accumulation.

#### Further information

Do not empty into drains or the aquatic environment.

### SECTION 13: Disposal considerations

#### Waste treatment methods

##### Advice on disposal

Do not dispose with household waste.

Do not empty into drains or the aquatic environment.

Arrange about the exact waste code with the local waste disposal expert.

Have to add a Special treatment in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

##### Contaminated packaging

Container must be completely emptied.

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Do not pierce, cut up or weld unclean container. (Explosion hazard.)

### SECTION 14: Transport information

#### Land transport (ADR/RID)

##### Other applicable information (land transport)

Not a hazardous material with respect to transportation regulations.

#### Inland waterways transport

##### Other applicable information (inland waterways transport)

Not a hazardous material with respect to transportation regulations.

#### Marine transport

##### Other applicable information (marine transport)

Not a hazardous material with respect to transportation regulations.

#### Air transport

##### Other applicable information (air transport)

Not a hazardous material with respect to transportation regulations.

#### Environmental hazards

Dangerous for the environment: no

### SECTION 15: Regulatory information

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

##### EU regulatory information

##### Additional information

Contains:  
> 30% hydrocarbons, aliphatic.  
< 5 % phosphates

##### National regulatory information

Water contaminating class (D): 2 - water contaminating

### SECTION 16: Other information

#### Full text of R-phrases referred to under sections 2 and 3

10	Flammable.
38	Irritating to skin.
41	Risk of serious damage to eyes.
51	Toxic to aquatic organisms.
52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
53	May cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.

#### Full text of H-Statements referred to under sections 2 and 3

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

#### Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*