



Engine Cleaner 500 ml

Print date: 20.09.2011

Product code: 222

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

Product identifier

Engine Cleaner 500 ml

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

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: 21042, 21043, 21047

SECTION 2: Hazards identification

Classification of the substance or mixture

Indications of danger : Corrosive, Irritant

R-phrases:

Causes burns.

Label elements

Danger symbols: C - Corrosive



C - Corrosive

Hazardous components which must be listed on the label

caustic potash, potassium hydroxide

R phrases

34 Causes burns.

S phrases

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
46 If swallowed, seek medical advice immediately and show this container or label.
01/02 Keep locked up and out of the reach of children.
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

SECTION 3: Composition/information on ingredients

Mixtures

Chemical characterization

nonionic tensides
chelating agent
Alkalis (alkalis).
corrosion preventing agent



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Hazardous components

EC No.	Chemical name	Quantity
CAS No.	Classification	
Index No.	GHS classification	
REACH No.		
215-181-3	caustic potash, potassium hydroxide	< 1 %
1310-58-3	Xn, C R22-35	
019-002-00-8	Acute Tox. 4, Skin Corr. 1A; H302 H314	

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

SECTION 4: First aid measures

Description of first aid measures

General information

Immediately remove any wetted clothing, shoes or stockings.
Avoid contact with skin and eyes.

After inhalation

No risks worthy of mention.

After contact with skin

After contact with skin, wash immediately with: Water and soap.
Take off immediately all contaminated clothing, including underwear and shoes .

After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink large quantities of water. Do not induce vomiting.
Do not allow a neutralisation agent to be drunk.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

Water fog. Foam. Carbon dioxide. Extinguishing powder. Atomized water.

Additional information

The product itself is not combustible.
Extinguishing materials should be selected according to the surrounding area.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.

Environmental precautions

Do not empty into drains or the aquatic environment.

Methods and material for containment and cleaning up

Wipe up with absorbent material (eg. cloth, fleece).

SECTION 7: Handling and storage

Precautions for safe handling

Advice on safe handling

Avoid contact with skin and eyes.



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Conditions for safe storage, including any incompatibilities

Further information on storage conditions

Store only in original container.

Protect against: frost.

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure controls

Protective and hygiene measures

Take off immediately all contaminated clothing

Avoid contact with skin, eye and clothing.

Hand protection

rubber gloves.

Eye protection

Tightly sealed safety glasses.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	liquid
Colour:	light yellow
Odour:	mild

Test method

pH-Value (at 20 °C):	13
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Changes in the physical state

Melting point:	> 0 °C
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Boiling point:	> 98 °C
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Flash point:	> 100 °C
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Ignition temperature:	> 300 °C
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Density (at 20 °C):	1,01 g/cm ³
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Water solubility: (at 20 °C)	complete miscible
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SECTION 10: Stability and reactivity

Conditions to avoid

Do not mix with other chemicals or cleaners.

Incompatible materials

Do not mix with acids.

SECTION 11: Toxicological information

Information on toxicological effects

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Acute toxicity

CAS No.	Chemical name			
	Exposure routes	Method	Dose	Species
1310-58-3	caustic potash, potassium hydroxide			
	Acute oral toxicity	LD50	273 mg/kg	Ratte

Irritation and corrosivity

Irritating to eyes and skin.

SECTION 12: Ecological information

Toxicity

CAS No.	Chemical name			
	Aquatic toxicity	Method	Dose	Species
1310-58-3	caustic potash, potassium hydroxide			
	Acute fish toxicity	LC50	80 mg/l	Gambusia affinis

Persistence and degradability

tensides biologically degradable.

Bioaccumulative potential

No indication of bio-accumulation potential.

Further information

Do not empty into drains or the aquatic environment.

Chemical Oxygen Demand (COD): 900 mg O₂/g.

SECTION 13: Disposal considerations

Waste treatment methods

Waste disposal number of waste from residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Waste disposal number of used product

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Contaminated packaging

Refer to manufacturer/supplier for information of recovery/recycling.

SECTION 14: Transport information

Land transport (ADR/RID)

UN number: UN1814
UN proper shipping name: POTASSIUM HYDROXIDE SOLUTION
Transport hazard class(es): 8
Packing group: III
 Hazard label: 8



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Classification code: C5
 Special Provisions: -
 Limited quantity: 5 L
 Transport category: 3
 Hazard-no.: 80
 Tunnel restriction code: E

Inland waterways transport

UN number: UN1814
UN proper shipping name: POTASSIUM HYDROXIDE SOLUTION
Transport hazard class(es): 8
Packing group: III
 Hazard label: 8



Classification code: C5
 Special Provisions: -
 Limited quantity: 5 L

Marine transport

UN number: UN1814
UN proper shipping name: POTASSIUM HYDROXIDE SOLUTION
Transport hazard class(es): 8
Packing group: III
 Hazard label: 8



Marine pollutant: -
 Special Provisions: 223
 Limited quantity: 5 L
 EmS: F-A, S-B

Air transport

UN/ID number: UN1814
UN proper shipping name: POTASSIUM HYDROXIDE SOLUTION
Transport hazard class(es): 8
Packing group: III
 Hazard label: 8



Special Provisions: -
 Limited quantity Passenger: 1 L

IATA-packing instructions - Passenger: 852
 IATA-max. quantity - Passenger: 5 L
 IATA-packing instructions - Cargo: 856
 IATA-max. quantity - Cargo: 60 L



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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:
< 5 % nonionic tensides
< 5 % anionic tensides

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information

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

22 Harmful if swallowed.
34 Causes burns.
35 Causes severe burns.

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

H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.

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.

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