

## Complete Exhaust System Cleaner

Revision date: 19.09.2016

Product code: 1386

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

#### 1.1. Product identifier

Complete Exhaust System Cleaner

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

##### Use of the substance/mixture

Cleaner for car catalyts

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

Company name:	CTP GmbH	
Street:	Saalfelder Strasse 35h	
Place:	D-07338 Leutenberg	
Telephone:	+49 (0)36734 230-0	Telefax: +49 (0)36734 230-22
e-mail:	msds@bluechemgroup.com	
Contact person:	Jens Moeller, Dipl.-Chem.	Telephone: +49 (0)36734 230-19
Internet:	www.bluechemgroup.com	

#### 1.4. Emergency telephone

For Germany: +49-361-730730 (24 hours/7 days)

#### number:

#### Further Information

Article Number: PWT1180

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Regulation (EC) No. 1272/2008

Hazard categories:

Acute toxicity: Acute Tox. 4

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Specific target organ toxicity - single exposure: STOT SE 3

Specific target organ toxicity - repeated exposure: STOT RE 1

Aspiration hazard: Asp. Tox. 1

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

May be fatal if swallowed and enters airways.

Causes skin irritation.

Causes serious eye irritation.

Harmful if inhaled.

May cause respiratory irritation.

Causes damage to organs through prolonged or repeated exposure.

Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Regulation (EC) No. 1272/2008

##### Hazard components for labelling

Distillates (petroleum, gasoline), hydrotreated light

2-ethyl-hexanol

Benzyl alcohol

**Signal word:** Danger

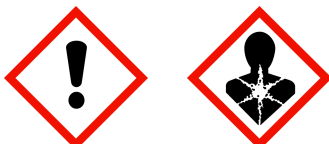
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### Pictograms:



### Hazard statements

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.
H372	Causes damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

### Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P260	Do not breathe vapour/aerosole.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331	Do NOT induce vomiting.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405	Store locked up.
P501	Dispose of this material and its container to hazardous or special waste collection point.

### 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Solvent mixture

#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
64742-82-1	Distillates (petroleum, gasoline), hydrotreated light			30 - < 35 %
	919-164-8		01-2119473977-17	
	STOT RE 1, Asp. Tox. 1, Aquatic Chronic 3; H372 H304 H412 EUH066			
104-76-7	2-ethyl-hexanol			30 - < 35 %
	203-234-3		01-2119487289-20	
	Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H332 H315 H319 H335			
100-51-6	Benzyl alcohol			30 - < 35 %
	202-859-9		01-2119492630-38	
	Acute Tox. 4, Acute Tox. 4, Eye Irrit. 2; H302 H332 H319			

Full text of H and EUH statements: see section 16.

## SECTION 4: First aid measures

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**4.1. Description of first aid measures**

**General information**

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

**After inhalation**

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

In case of difficulties of breathing consult physician.

If victim is at risk of losing consciousness, position and transport on their side.

**After contact with skin**

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

After contact with skin, wash immediately with plenty of water and soap.

Rub greasy ointment into the skin.

**After contact with eyes**

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

Consult physician.

**After ingestion**

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

**4.2. 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.

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

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

No information available.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Extinguishing powder.

Sand.

alcohol resistant foam.

Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media**

High power water jet.

**5.2. Special hazards arising from the substance or mixture**

Formation of decomposition products possible.

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

**5.3. Advice for firefighters**

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

**Additional information**

Cool endangered container in case of fire.

Contaminated fire-fighting water must be collected separately.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

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

**6.2. Environmental precautions**

Beat down gas/vapours/mist with water spray.

Do not empty into drains or the aquatic environment.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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**6.3. Methods and material for containment and cleaning up**

Prevent spreading of spillages (e.g. by oil barrier).  
Wipe up with absorbent material (eg. cloth, fleece).

**6.4. Reference to other sections**

No data

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Advice on safe handling**

Closed devices. Vapours / aerosols must be extracted by suction immediately at point of origin.  
Avoid contact with skin and eyes.

**7.2. Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**

Keep container tightly closed in a cool, well-ventilated place.

**7.3. Specific end use(s)**

No information available.

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**8.2. Exposure controls**

**Protective and hygiene measures**

When using do not eat, drink or smoke.  
Wash hands before breaks and after work.

**Eye/face protection**

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

**Hand protection**

Tested protective gloves are to be worn: Butyl rubber. (DIN EN 374)

**Skin protection**

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

**Respiratory protection**

In case of accumulation of fumes/aerosols, provide adequate ventilation.  
In case of insufficient ventilation, wear suitable respiratory equipment.

**SECTION 9: Physical and chemical properties**

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

Physical state:	liquid
Colour:	clear/colourless
Odour:	characteristic

**Test method**

**Changes in the physical state**

Flash point:	~70 °C	DIN EN ISO 2719
Density (at 20 °C):	0,88 g/cm <sup>3</sup>	DIN 51757
Water solubility: (at 20 °C)	insoluble	

**9.2. Other information**

No data

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**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No information available.

**10.2. Chemical stability**

No decomposition when used as intended.

**10.3. Possibility of hazardous reactions**

No dangerous reactions are known.

**10.4. Conditions to avoid**

Only use the material in places where open light, fire and other flammable sources can be kept away.

**10.5. Incompatible materials**

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

**10.6. Hazardous decomposition products**

Carbon monoxide (CO).  
Carbon dioxide (CO<sub>2</sub>).  
aldehydes

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**ATEmix calculated**

ATE (inhalative vapour) 16,67 mg/l; ATE (inhalative aerosol) 3,345 mg/l

**Acute toxicity**

CAS No	Chemical name			
	Exposure route	Dose	Species	Source
64742-82-1	Distillates (petroleum, gasoline), hydrotreated light			
	oral	LD50 >5000 mg/kg	Rat	
	dermal	LD50 >3400 mg/kg	Rabbit	
104-76-7	2-ethyl-hexanol			
	oral	LD50 2047 mg/kg	Rat	
	dermal	LD50 >3000 mg/kg	Rat	
	inhalative vapour	ATE 11 mg/l		
	inhalative aerosol	ATE 1,5 mg/l		
100-51-6	Benzyl alcohol			
	oral	LD50 1230 mg/kg	Rat	
	dermal	LD50 2000 mg/kg	Rabbit	
	inhalative vapour	ATE 11 mg/l		
	inhalative (4 h) aerosol	LC50 >4,178 mg/l	Rat	

**Irritation and corrosivity**

After skin contact: Frequently or prolonged contact with skin may cause dermal irritation.  
Irritation of eyes: Irritant effect possible.

**SECTION 12: Ecological information**

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**12.1. Toxicity**

CAS No	Chemical name				
	Aquatic toxicity	Dose	[h]   [d]	Species	Source
64742-82-1	Distillates (petroleum, gasoline), hydrotreated light				
	Acute fish toxicity	LC50	10-100 mg/l	96 h	Oncorhynchus mykiss
	Acute algae toxicity	ErC50	50-100 mg/l	72 h	Pseudokirchneriella subcapitata
	Acute crustacea toxicity	EC50	10-22 mg/l	48 h	Daphnia magna
104-76-7	2-ethyl-hexanol				
	Acute fish toxicity	LC50	17,1 mg/l	96 h	Leuciscus idus
	Acute algae toxicity	ErC50	11,5 mg/l	72 h	Scenedesmus subspicatus
	Acute crustacea toxicity	EC50	39 mg/l	48 h	Daphnia magna
100-51-6	Benzyl alcohol				
	Acute fish toxicity	LC50	460 mg/l	96 h	Pimephales promelas (fathead minnow)
	Acute algae toxicity	ErC50	640 mg/l	96 h	Scenedesmus quadricauda
	Acute crustacea toxicity	EC50	400 mg/l	48 h	Daphnia magna (Big water flea)

**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential**

No information available.

**12.4. Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

No information available.

**12.6. Other adverse effects**

No information available.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Advice on disposal**

Do not dispose with household waste.

Do not empty into drains or the aquatic environment.

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

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

**Contaminated packaging**

Contaminated packing must be completely emptied and can be re-used following appropriate cleaning.

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

**SECTION 14: Transport information**

**Land transport (ADR/RID)**

**14.1. UN number:** -

**14.2. UN proper shipping name:** -

**14.3. Transport hazard class(es):** -

**14.4. Packing group:** -

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**Other applicable information (land transport)**

No dangerous good in sense of these transport regulations.

**Inland waterways transport (ADN)**

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

No dangerous good in sense of these transport regulations.

**Marine transport (IMDG)**

**Other applicable information (marine transport)**

No dangerous good in sense of these transport regulations.

**Air transport (ICAO-TI/IATA-DGR)**

**Other applicable information (air transport)**

No dangerous good in sense of these transport regulations.

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

**14.6. Special precautions for user**

No information available.

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

No information available.

**SECTION 15: Regulatory information**

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

**EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 28: Distillates (petroleum, gasoline), hydrotreated light

**Additional information**

Contains: (Regulation (EC) No. 648/2004 (Detergents regulation))  
> 30 % hydrocarbons, aliphatic.

**National regulatory information**

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

**Additional information**

Regarding the EU-directive 2008/105/EU contains the product none of the listed substances.

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information**

**Relevant H and EUH statements (number and full text)**

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.
H372	Causes damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

**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.



## Safety Data Sheet

**bluechem** ■ ■ ■  
**GROUP**

according to Regulation (EC) No 1907/2006

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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.)*