

Diesel Conditioner and Anti-Gel

Revision date: 22.08.2023

Product code: 1503

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

1.1. Product identifier

Diesel Conditioner and Anti-Gel

UFI: PXC7-WW13-2YGH-GMA4

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

Use of the substance/mixture

Additive for Diesel fuels (Winter activity)

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 GBK GmbH: +49-(0)6132-84463 (24/7)

number:

Further Information

Article Number: 2001, 2002, 2005, 2007, 2008

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Asp. Tox. 1; H304
Carc. 2; H351
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, < 2% Aromatics
Hydrocarbons, C10, aromatics, >1% naphthalene

Signal word: Danger

Pictograms:



Hazard statements

H304	May be fatal if swallowed and enters airways.
H351	Suspected of causing cancer.
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 mist/vapours/spray.
P270	Do not eat, drink or smoke when using this product.

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P280 Wear protective gloves and eye/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P405 Store locked up.
P501 Dispose of this material and its container to hazardous or special waste collection point.

Special labelling of certain mixtures

EUH066 Repeated exposure may cause skin dryness or cracking.

Labelling of packages where the contents do not exceed 125 ml

Signal word: Danger

Pictograms:



Hazard statements

H304-H351-H412

Precautionary statements

P101-P102-P280-P301+P310-P331-P308+P313-P405-P501

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Flow Improver/Anti Gel
Lubricants
Detergents, Dispersants
Solvent mixture

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
	Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, < 2% Aromatics			80 - < 100 %
	918-481-9		01-2119457273-39	
	Asp. Tox. 1; H304 EUH066			
	Hydrocarbons, C10, aromatics, >1% naphthalene			1 - < 5 %
	919-284-0		01-2119463588-24	
	Carc. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H351 H336 H304 H411			
91-20-3	Naphthalene			< 1 %
	202-049-5		01-2119561346-37	
	Flam. Sol. 2, Carc. 2, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Aquatic Acute 1, Aquatic Chronic 1; H228 H351 H302 H315 H319 H400 H410			

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

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Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
	918-481-9	Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, < 2% Aromatics	80 - < 100 %
		dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg	
91-20-3	202-049-5	Naphthalene	< 1 %
		inhalation: LC50 = >340 mg/l (vapours); dermal: LD50 = >2000 mg/kg; oral: LD50 = 490 mg/kg	

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

No special measures are necessary.

After inhalation

Move victim out of danger zone. Provide fresh air. Consult physician.

After contact with skin

After contact with skin, wash immediately with: Water and soap.

After contact with eyes

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

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Consult physician.

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

No information available.

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

Water spray. Sand. Foam. Carbon dioxide. dry extinguishing powder.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

No information available.

5.3. Advice for firefighters

Use appropriate respiratory protection.

Additional information

Contaminated fire-fighting water must not get into the sewerage network.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Remove all sources of ignition. Provide adequate ventilation.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

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Other information

Suitable material for taking up: Sand Kieselguhr. Universal binding agent. Sawdust.

6.4. Reference to other sections

No data

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid generation of aerosol.

Advice on protection against fire and explosion

When hot, product develops flammable vapors.

Advice on general occupational hygiene

Avoid contact with skin, eyes and clothes.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Do not store at temperatures over: 50 °C

Do not store at temperatures under: 0 °C

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
91-20-3	Naphthalene	10	50		TWA (8 h)	EU

Additional advice on limit values

See chapter 7. No further action is necessary.

8.2. Exposure controls

Appropriate engineering controls

hydrocarbons.

group 1

200 ml/m³ (ppm) 1000 mg/m³

Limitation category 4

Individual protection measures, such as personal protective equipment

Eye/face protection

Suitable eye protection: Framed glasses.

Hand protection

Tested protective gloves are to be worn: PVC (Polyvinyl chloride).

Respiratory protection

Respiratory protection: not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:

liquid

Colour:

colourless

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Odour: characteristic

Flash point:

63 °C

Density (at 20 °C):

0,82 - 0,83 g/cm³

Test method

9.2. Other information

Information with regard to physical hazard classes

Explosive properties
not Explosive.

Other safety characteristics

Pour point:

-42 °C ISO 3016

Further Information

No data

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.

10.6. Hazardous decomposition products

Hazardous decomposition products: Carbon monoxide. Carbon dioxide. aldehydes
smoke

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

Based on available data, the classification criteria are not met.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation
dust/mist) > 5 mg/l

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, < 2% Aromatics				
	oral	LD50 > 5000 mg/kg	Rat		
	dermal	LD50 > 5000 mg/kg	Rabbit		
91-20-3	Naphthalene				
	oral	LD50 490 mg/kg	Rat		
	dermal	LD50 >2000 mg/kg	Rabbit		
	inhalation (1 h) vapour	LC50 >340 mg/l	Rat		

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Suspected of causing cancer. (Hydrocarbons, C10, aromatics, >1% naphthalene; Naphthalene)

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Repeated exposure may cause skin dryness or cracking.

Aspiration hazard

May be fatal if swallowed and enters airways.

11.2. Information on other hazards

Other information

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
	Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, < 2% Aromatics					
	Acute fish toxicity	LC50 mg/l	1000	96 h	Oncorhynchus mykiss	
	Acute algae toxicity	ErC50 mg/l	1000	72 h	Pseudokirchneriella subcapitata	
	Acute crustacea toxicity	EC50 mg/l	1000	48 h	Daphnia magna (Big water flea)	
	Hydrocarbons, C10, aromatics, >1% naphthalene					
	Acute fish toxicity	LC50	2-5 mg/l	96 h	Fish	
	Acute algae toxicity	ErC50	1-3 mg/l	72 h	Algae	
	Acute crustacea toxicity	EC50 mg/l	3-10	48 h	Daphnia magna	
91-20-3	Naphthalene					
	Acute fish toxicity	LC50	1,6 mg/l	96 h	Oncorhynchus mykiss	
	Acute crustacea toxicity	EC50 mg/l	1,96	48 h	Daphnia magna	

12.2. Persistence and degradability

Product is partially biodegradable.

12.3. Bioaccumulative potential

Does not accumulate in organisms.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation.

Carry out under observation of official regulations covering a chemical/physical treatment plant.

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

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

Contaminated packaging

Do not dispose with household waste.

Do not allow to enter into surface water or drains.

SECTION 14: Transport information

Land transport (ADR/RID)

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14.1. UN number or ID number: -

14.2. UN proper shipping name: -

14.3. Transport hazard class(es): -

14.4. Packing group: -

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. Maritime transport in bulk according to IMO instruments

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 3, Entry 28, Entry 75

2010/75/EU (VOC): 90 % (738 g/l)

2004/42/EC (VOC): 90 % (738 g/l)

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information

Contains:

> 30 % hydrocarbons, aliphatic.

< 5 % Hydrocarbons, aromatic.

National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, < 2% Aromatics

Hydrocarbons, C10, aromatics, >1% naphthalene

Naphthalene

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 15.

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Abbreviations and acronyms

Flam. Sol: Flammable solids
Acute Tox: Acute toxicity
Asp. Tox: Aspiration hazard
Skin Irrit: Skin irritation
Eye Irrit: Eye irritation
Carc: Carcinogenicity
STOT SE: Specific target organ toxicity - single exposure
Aquatic Acute: Acute aquatic hazard
Aquatic Chronic: Chronic aquatic hazard

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Asp. Tox. 1; H304	Calculation method
Carc. 2; H351	Calculation method
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

H228 Flammable solid.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.
H400 Very toxic to aquatic life.
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.
EUH066 Repeated exposure may cause skin dryness or cracking.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance 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.)