

Diesel Conditioner & Anti-Gel 1:1000

Revision date: 26.04.2018

Product code: 1479

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

1.1. Product identifier

Diesel Conditioner & Anti-Gel 1:1000

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 number:

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

Further Information

Article Number: 51098, 51099, 51100, 51101, 51093, 51090

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Aspiration hazard: Asp. Tox. 1

Carcinogenicity: Carc. 2

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

May be fatal if swallowed and enters airways.

Suspected of causing cancer.

Toxic to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

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

Fuels, diesel, No 2, Gasoil - unspecified

Signal word: Danger

Pictograms:



Hazard statements

H304 May be fatal if swallowed and enters airways.

H351 Suspected of causing cancer.

H411 Toxic 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.



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P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves and eye/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331	Do NOT induce vomiting.
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.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Flow Improver/Anti Gel
Lubricants
Detergents
Dispersants

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
64742-48-9	Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, < 2% Aromatics			40 - < 60 %
	918-481-9		01-2119457273-39	
	Asp. Tox. 1; H304 EUH066			
68476-34-6	Fuels, diesel, No 2, Gasoil - unspecified			25 - < 30 %
	270-676-1			
	Carc. 2, Asp. Tox. 1, Aquatic Chronic 2; H351 H304 H411 EUH066			

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

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

Frequently or prolonged contact with skin may cause dermal irritation.

Irritation of eyes: Irritant effect possible.

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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**

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

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.

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****Additional advice on limit values**

See chapter 7. No further action is necessary.

8.2. Exposure controls**Appropriate engineering controls**

hydrocarbons.



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group 1
200 ml/m³ (ppm) 1000 mg/m³
Limitation category 4

Protective and hygiene measures

Avoid contact with skin, eyes and clothes.

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, cloudy
Colour:	colourless - yellowish
Odour:	characteristic

Test method

Changes in the physical state

Pour point:	-12 °C	ISO 3016
Flash point:	62 °C	

Explosive properties

not Explosive.

Density (at 20 °C):	0,84 - 0,86 g/cm ³
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Viscosity / kinematic: (at 40 °C)	12,7 mm ² /s
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9.2. Other 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

No decomposition when used as intended.

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 toxicological effects

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Acute toxicity

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64742-48-9	Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, < 2% Aromatics				
	oral	LD50 > 5000 mg/kg	Rat		
	dermal	LD50 > 5000 mg/kg	Rabbit		
	inhalative (4 h) gas	LC50 >5 ppm	Rat		
68476-34-6	Fuels, diesel, No 2, Gasoil - unspecified				
	oral	LD50 >2000 mg/kg	Rat		
	dermal	LD50 >2000 mg/kg	Rabbit		
	inhalative (4 h) vapour	LC50 >10 mg/l	Rat		

Irritation and corrosivity

Irritant effect on the eye: irritant.

Irritant effect on the skin: Frequently or prolonged contact with skin may cause dermal irritation.

Carcinogenic/mutagenic/toxic effects for reproduction

No Carcinogenic, germ cell mutagen and reproduction effects

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
64742-48-9	Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, < 2% Aromatics					
	Acute fish toxicity	LC50 1000 mg/l	96 h	Oncorhynchus mykiss		
	Acute algae toxicity	ErC50 1000 mg/l	72 h	Pseudokirchneriella subcapitata		
	Acute crustacea toxicity	EC50 1000 mg/l	48 h	Daphnia magna (Big water flea)		

12.2. Persistence and degradability

No information available.

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

No information available.

12.6. 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

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Advice on disposal


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)

14.1. UN number:	UN 3082
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
14.3. Transport hazard class(es):	9
14.4. Packing group:	III
Hazard label:	9
	
Classification code:	M6
Special Provisions:	274 335 375 601
Limited quantity:	5 L
Excepted quantity:	E1
Transport category:	3
Hazard No:	90
Tunnel restriction code:	E

Inland waterways transport (ADN)

14.1. UN number:	UN 3082
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
14.3. Transport hazard class(es):	9
14.4. Packing group:	III
Hazard label:	9
	
Classification code:	M6
Special Provisions:	274 335 375 601
Limited quantity:	5 L
Excepted quantity:	E1

Marine transport (IMDG)

14.1. UN number:	UN 3082
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
14.3. Transport hazard class(es):	9
14.4. Packing group:	III
Hazard label:	9

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Marine pollutant: P
Special Provisions: 274, 335, 969
Limited quantity: 5 L
Excepted quantity: E1
EmS: F-A, S-F

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: UN 3082
14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
14.3. Transport hazard class(es): 9
14.4. Packing group: III
Hazard label: 9



Special Provisions: A97 A158 A197
Limited quantity Passenger: 30 kg G
Passenger LQ: Y964
Excepted quantity: E1
IATA-packing instructions - Passenger: 964
IATA-max. quantity - Passenger: 450 L
IATA-packing instructions - Cargo: 964
IATA-max. quantity - Cargo: 450 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes



Danger releasing substance: Fuels, diesel, No 2, Gasoil - unspecified

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

Additional information

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

National regulatory information

Water contaminating class (D): 2 - clearly water contaminating

Additional information

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



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15.2. Chemical safety assessment

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

SECTION 16: Other information

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Asp. Tox. 1; H304	Calculation method
Carc. 2; H351	Calculation method
Aquatic Chronic 2; H411	Calculation method

Relevant H and EUH statements (number and full text)

H304	May be fatal if swallowed and enters airways.
H351	Suspected of causing cancer.
H411	Toxic 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.

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.)