

Guard Fill Diesel

Print date: 20.06.2016

Product code: 1309

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Guard Fill Diesel

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

Cleaning agent for Diesel Systems

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:

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

Further Information

Article Number: 33033

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

Specific target organ toxicity - repeated exposure: STOT RE 1

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

May be fatal if swallowed and enters airways.

Suspected of causing cancer.

Causes damage to organs through prolonged or repeated exposure.

Toxic 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

Hydrocarbons, C10, aromatics, >1% naphthalene

Solvent naphtha (petroleum, gasoline), heavy aromatic

Signal word: Danger**Pictograms:****Hazard statements**

H304	May be fatal if swallowed and enters airways.
H351	Suspected of causing cancer.
H372	Causes damage to organs through prolonged or repeated exposure.

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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.
 P273 Avoid release to the environment.
 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

EUH044 Risk of explosion if heated under confinement.
 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

Surface tension compounds
 Detergents, Dispersants
 Synthetic agent combinations
 corrosion preventing agent
 Multifunction Diesel Fuel Additive

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			50 -< 70 %
	919-164-8		01-2119473977-17	
	STOT RE 1, Asp. Tox. 1, Aquatic Chronic 3; H372 H304 H412 EUH066			
27247-96-7	2-Ethyl hexyl nitrate			20 - < 25 %
	248-363-6		01-2119539586-27	
	Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Aquatic Chronic 2; H302 H312 H332 H411 EUH044 EUH066			
64742-94-5	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			

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

SECTION 4: First aid measures

4.1. 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 off with: Water and soap.

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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.

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

Warning about danger of aspiration.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Extinguishing powder.

Sand.

Carbon dioxide (CO₂).

alcohol resistant foam.

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.

Beat down gas/vapours/mist with water spray.

Contaminated fire-fighting water must be collected separately.

SECTION 6: Accidental release measures**6.1. 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.

6.2. Environmental precautions

Beat down gas/vapours/mist with water spray.

Do not allow to enter into surface water or drains.

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

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Prevent spread over a wide area (e.g. by containment or oil barriers).

6.4. Reference to other sections

No data

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

The substance should only be handled in closed apparatus or systems. Vapours / aerosols must be extracted



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according to Regulation (EC) No 1907/2006

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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.

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

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 before breaks and after work.

Eye/face protection

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

Hand protection

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

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 fire: Wear self-contained breathing apparatus.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	yellow, transparent
Odour:	aromatic

Test method

Changes in the physical state

Initial boiling point and boiling range: 200 - 210 °C

Flash point: 62 °C

Density (at 20 °C): 0.83 - 0.87 g/cm³

Water solubility:
(at 20 °C) insoluble

Solubility in other solvents

Organic solvents

9.2. Other information

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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.

No decomposition when used as intended.

10.5. Incompatible materials

Oxidizing agents.

acid, concentrated.

Alkalis (alkalis), concentrated.

10.6. Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

CAS No	Chemical name				
	Exposure route	Method	Dose	Species	Source
64742-82-1	Distillates (petroleum, gasoline), hydrotreated light				
	oral	LD50	>5000 mg/kg	Rat	
	dermal	LD50	>3400 mg/kg	Rabbit	
27247-96-7	2-Ethyl hexyl nitrate				
	oral	LD50	>9640 mg/kg	Rat	
	dermal	LD50	>4820 mg/kg	Rabbit	
	inhalative vapour	ATE	11 mg/l		
	inhalative aerosol	ATE	1,5 mg/l		

Irritation and corrosivity

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

Irritation of eyes: Irritant effect possible.

Sensitising effects

no danger of sensitization.

SECTION 12: Ecological information**12.1. Toxicity**

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CAS No	Chemical name					
	Aquatic toxicity	Method	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	
27247-96-7	2-Ethyl hexyl nitrate					
	Acute fish toxicity	LC50	2 mg/l	96 h	Fish	
	Acute algae toxicity	ErC50	1-10 mg/l	72 h	Algae	
	Acute crustacea toxicity	EC50	>10 mg/l	48 h	Daphnia magna	
64742-94-5	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	3-10 mg/l	48 h	Daphnia magna	

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

Swims on the water.

Low potential of bio-accumulation.

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

Advice on disposal

Do not dispose with household waste.

Do not allow to enter into surface water or drains.

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.

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

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

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14.4. Packing group:

Hazard label:

III

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):

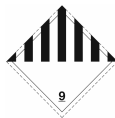
9

14.4. Packing group:

III

Hazard label:

9



Marine pollutant:

P

Special Provisions:

274, 335, 969

Limited quantity:

5 L

Excepted quantity:

E1

EmS:

F-A, S-F

Air transport (ICAO)**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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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: 2-Ethyl hexyl nitrate
Hydrocarbons, C10, aromatics, >1% naphthalene

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****Additional information**

Contains:
> 30 % aliphatic hydrocarbons
< 5 % aromatic hydrocarbons

National regulatory information

Water contaminating class (D): 2 - water contaminating

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.
H312	Harmful in contact with skin.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H372	Causes damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH044	Risk of explosion if heated under confinement.
EUH066	Repeated exposure may cause skin dryness or cracking.



Safety Data Sheet

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GROUP

according to Regulation (EC) No 1907/2006

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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.)