

## Guard Fill Diesel

Revision date: 20.04.2018

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:

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

#### 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

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

May be fatal if swallowed and enters airways.

Harmful 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

Solvent naphtha (petroleum, gasoline), heavy aromatic

Signal word: Danger

Pictograms:



##### Hazard statements

H304 May be fatal if swallowed and enters airways.

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.

P273 Avoid release to the environment.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331 Do NOT induce vomiting.

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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]			
64742-48-9	Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, < 2% Aromatics			65 - < 70 %
	918-481-9		01-2119457273-39	
	Asp. Tox. 1; H304 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; H332 H312 H302 H411 EUH044 EUH066			
68439-80-5	polyolefin amide alkylen amine			5 - < 10 %
	Aquatic Chronic 4; H413			

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.

#### 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.

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



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according to Regulation (EC) No 1907/2006

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#### 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

##### Changes in the physical state

Initial boiling point and boiling range:	200 - 210 °C
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Flash point:	62 °C
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Density (at 20 °C):	0.83 - 0.87 g/cm <sup>3</sup>
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Water solubility: (at 20 °C)	insoluble
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##### Solubility in other solvents

Organic solvents

#### 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.

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### 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	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		
27247-96-7	2-Ethyl hexyl nitrate				
	oral	LD50 >9640 mg/kg	Rat		
	dermal	LD50 >4820 mg/kg	Rabbit		
	inhalative (1 h) vapour	LC50 4,6 mg/l	Rat		
	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	Dose	[h]   [d]	Species	Source	Method
64742-48-9	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)	
27247-96-7	2-Ethyl hexyl nitrate					
	Acute fish toxicity	LC50	2 mg/l	96 h	Fish	
	Acute algae toxicity	ErC50 mg/l	1-10	72 h	Algae	
	Acute crustacea toxicity	EC50	>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

#### 14.4. Packing group:

III

Hazard label:

9

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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: -

### 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-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

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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

### 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:

> 30 % aliphatic hydrocarbons

< 5 % aromatic hydrocarbons

#### National regulatory information

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

### 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
Aquatic Chronic 3; H412	Calculation method

#### 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.  
 H411 Toxic to aquatic life with long lasting effects.  
 H412 Harmful to aquatic life with long lasting effects.  
 H413 May cause long lasting harmful effects to aquatic life.  
 EUH044 Risk of explosion if heated under confinement.  
 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





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properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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