

according to Regulation (EC) No 1907/2006

### Autoprofi Oil System Care

Revision date: 10.08.2020

Product code: 1559

Page 1 of 7

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

### 1.1. Product identifier

Autoprofi Oil System Care

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

#### Use of the substance/mixture

Oil Performance Improver

### 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: 43214, 44452

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Hazard categories:

Respiratory or skin sensitisation: Skin Sens. 1

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

May cause an allergic skin reaction.

Harmful to aquatic life with long lasting effects.

### 2.2. Label elements

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

#### Hazard components for labelling

Dibutyl [[bis[(2-ethylhexyl)oxy]phosphinothioyl]thio]succinate

Amines, C12-14-tert-alkyl, reaction products with O,O-di-C1-14-alkyl hydrogen phosphorodithioate

Signal word: Warning

Pictograms:



#### Hazard statements

|      |  |
|------|--|
| H317 | May cause an allergic skin reaction.               |
| 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.  |
| P273      | Avoid release to the environment.                                     |
| P280      | Wear protective gloves.   |
| P302+P352 | IF ON SKIN: Wash with plenty of Water.                                |

according to Regulation (EC) No 1907/2006

### Autoprofi Oil System Care

Revision date: 10.08.2020

Product code: 1559

Page 2 of 7

P333+P313

If skin irritation or rash occurs: Get medical advice/attention.

P501

Dispose of this material and its container to hazardous or special waste collection point.

**Labelling of packages where the contents do not exceed 125 ml**

**Signal word:**

Warning

**Pictograms:**



#### Hazard statements

H317-H412

#### Precautionary statements

P101-P102-P103-P261-P272-P280-P302+P352-P321-P333+P313-P362+P364-P501

#### 2.3. Other hazards

No information available.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Inhibitors

Preventing agent

Mineral oils

Additives ashless

##### Hazardous components

| CAS No     | Chemical name  |          |                  | Quantity    |
|------------|--|----------|------------------|-------------|
|            | EC No  | Index No | REACH No         |             |
|            | GHS Classification   |          |                  |             |
| 68413-48-9 | Dibutyl [[bis[(2-ethylhexyl)oxy]phosphinothioyl]thio]succinate                                   |          |                  | 10 - < 15 % |
|            | 270-220-1  |          | 01-2120786863-37 |             |
|            | Skin Sens. 1B, Aquatic Chronic 4; H317 H413  |          |                  |             |
| 71888-91-0 | Amines, C12-14-tert-alkyl, reaction products with O,O-di-C1-14-alkyl hydrogen phosphorodithioate |          |                  | 10 - < 15 % |
|            | 276-159-7  |          | 01-2120770937-38 |             |
|            | Flam. Liq. 3, Skin Sens. 1, Aquatic Chronic 2; H226 H317 H411                                    |          |                  |             |

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### After contact with skin

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

Subsequently wash off with: Water and soap.

Seek medical attention if problems persist.

##### After contact with eyes

Remove contact lenses.

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

##### After ingestion

Rinse mouth thoroughly with water.

Do NOT induce vomiting.

Consult physician.

according to Regulation (EC) No 1907/2006

### Autoprofi Oil System Care

Revision date: 10.08.2020

Product code: 1559

Page 3 of 7

#### **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.

#### **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>).  
Water spray.

##### **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.  
High skid risk because of leaking or spilled product.

#### **6.2. Environmental precautions**

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.

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

Prevent spreading of spillages (e.g. by oil barrier).  
Absorb with liquid-binding material ( e.g. sand, diatomaceous earth, acid- or universal binding agents).

#### **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.  
Avoid contact with skin and eyes.  
Avoid oil mist

#### **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.  
Do not store at temperatures over: 50 °C

according to Regulation (EC) No 1907/2006

### Autoprofi Oil System Care

Revision date: 10.08.2020

Product code: 1559

Page 4 of 7

#### Hints on joint storage

Should be stored separately from oxidizing agents.

#### 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

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 protective clothing.

##### 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: viscous

Colour: brown

Odour: mild

##### Changes in the physical state

Flash point: > 100 °C

Lower explosion limits:

Upper explosion limits:

Density (at 20 °C): 0.84 - 0.90 g/cm<sup>3</sup>

Water solubility: insoluble  
(at 20 °C)

##### 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.

according to Regulation (EC) No 1907/2006

### Autoprofi Oil System Care

Revision date: 10.08.2020

Product code: 1559

Page 5 of 7

#### 10.3. Possibility of hazardous reactions

No dangerous reactions are known.

#### 10.4. Conditions to avoid

No decomposition when used as intended.  
Keep at temperature not exceeding 50 °C.

#### 10.5. Incompatible materials

Oxidizing agents. acid, concentrated.

#### 10.6. Hazardous decomposition products

No hazardous decomposition products are known.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity

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

| CAS No     | Chemical name  |               |         |        |        |  |
|------------|--|---------------|---------|--------|--------|--|
|            | Exposure route   | Dose          | Species | Source | Method |  |
| 68413-48-9 | Dibutyl [[bis[(2-ethylhexyl)oxy]phosphinothioyl]thio]succinate                                   |               |         |        |        |  |
|            | oral   | LD50<br>mg/kg | 11300   | Rat    |        |  |
| 71888-91-0 | Amines, C12-14-tert-alkyl, reaction products with O,O-di-C1-14-alkyl hydrogen phosphorodithioate |               |         |        |        |  |
|            | oral   | LD50<br>mg/kg | >2000   | Rat    |        |  |

##### Irritation and corrosivity

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

##### Sensitising effects

May cause an allergic skin reaction. (Dibutyl [[bis[(2-ethylhexyl)oxy]phosphinothioyl]thio]succinate; Amines, C12-14-tert-alkyl, reaction products with O,O-di-C1-14-alkyl hydrogen phosphorodithioate)

##### Carcinogenic/mutagenic/toxic effects for reproduction

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

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

##### Aspiration hazard

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

### SECTION 12: Ecological information

#### 12.1. Toxicity

| CAS No     | Chemical name  |              |           |         |                   |        |
|------------|--|--------------|-----------|---------|-------------------|--------|
|            | Aquatic toxicity   | Dose         | [h]   [d] | Species | Source            | Method |
| 71888-91-0 | Amines, C12-14-tert-alkyl, reaction products with O,O-di-C1-14-alkyl hydrogen phosphorodithioate |              |           |         |                   |        |
|            | Acute fish toxicity  | LC50<br>mg/l | 2,55      | 96 h    | Brachydanio rerio |        |
|            | Acute crustacea toxicity   | EL50<br>mg/l | 4,90      | 48 h    | Daphnia magna     |        |

#### 12.2. Persistence and degradability

according to Regulation (EC) No 1907/2006

### Autoprofi Oil System Care

Revision date: 10.08.2020

Product code: 1559

Page 6 of 7

Not easily bio-degradable (according to OECD-criteria).

#### **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.

#### **Further information**

Do not empty into drains or the aquatic environment.

### SECTION 13: Disposal considerations

#### **13.1. Waste treatment methods**

##### **Disposal recommendations**

Do not dispose with household waste.

Do not empty into drains or the aquatic environment.

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

##### **Contaminated packaging**

Container must be completely emptied.

### 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:** -

#### **Other applicable information (land transport)**

No dangerous good in sense of this transport regulation.

#### **Inland waterways transport (ADN)**

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

No dangerous good in sense of this transport regulation.

#### **Marine transport (IMDG)**

##### **Other applicable information (marine transport)**

No dangerous good in sense of this transport regulation.

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

##### **Other applicable information (air transport)**

No dangerous good in sense of this transport regulation.

#### **14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

#### **14.6. Special precautions for user**

No information available.

according to Regulation (EC) No 1907/2006

### Autoprofi Oil System Care

Revision date: 10.08.2020

Product code: 1559

Page 7 of 7

#### 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:

5 - 15 % phosphates

##### National regulatory information

Water hazard class (D):

2 - obviously hazardous to water

#### 15.2. Chemical safety assessment

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

### SECTION 16: Other information

#### Changes

This data sheet contains changes from the previous version in section(s): 1,2,11.

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

| Classification          | Classification procedure |
|-------------------------|--------------------------|
| Skin Sens. 1; H317      | Calculation method       |
| Aquatic Chronic 3; H412 | Calculation method       |

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

|      |   |
|------|---|
| H226 | Flammable liquid and vapour.                            |
| H317 | May cause an allergic skin reaction.                    |
| 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. |

#### 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.)*