

**Engine Oil Stop Leak**

Revision date: 18.01.2023

Product code: 1403

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

**1.1. Product identifier**

Engine Oil Stop Leak

UFI: JT34-KC8K-EY2D-2MM8

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

**Use of the substance/mixture**

Stops losses of oil in diesel- and gasoline engines.

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: 2121, 2122, 2123, 2125, 2128

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**GB CLP Regulation**

Skin Sens. 1; H317

Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

**2.2. Label elements**

**GB CLP Regulation**

**Hazard components for labelling**

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.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

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P501 Dispose of this material and its container to hazardous or special waste collection point.

**Special labelling of certain mixtures**

Read attached instructions before use.

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

**Signal word:**

Warning

**Pictograms:**



**Hazard statements**

H317-H412

**Precautionary statements**

P101-P102-P280-P302+P352-P333+P313-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**

Additives

Inhibitors

Preventing agent

Mineral oils

**Hazardous components**

| CAS No     | Chemical name                                                                                    |          |                  | Quantity    |
|------------|--------------------------------------------------------------------------------------------------|----------|------------------|-------------|
|            | EC No                                                                                            | Index No | REACH No         |             |
|            | Classification (GB CLP Regulation)                                                               |          |                  |             |
| 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.

**Specific Conc. Limits, M-factors and ATE**

| CAS No     | EC No                                    | Chemical name                                                                                    | Quantity    |
|------------|------------------------------------------|--------------------------------------------------------------------------------------------------|-------------|
|            | Specific Conc. Limits, M-factors and ATE |                                                                                                  |             |
| 71888-91-0 | 276-159-7                                | Amines, C12-14-tert-alkyl, reaction products with O,O-di-C1-14-alkyl hydrogen phosphorodithioate | 10 - < 15 % |
|            | oral: LD50 = >2000 mg/kg                 |                                                                                                  |             |

**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.

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**After ingestion**

Rinse mouth thoroughly with 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.

**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**

**General advice**

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**

**Other information**

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.

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Avoid oil mist

**Advice on general occupational hygiene**

- 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.

**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

**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**

**Individual protection measures, such as personal protective equipment**

**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    |                   |
| Flash point:                    |         | > 100 °C          |
| Water solubility:<br>(at 20 °C) |         | insoluble         |
| Solubility in other solvents    |         |                   |
| Organic solvents                |         |                   |
| Density (at 20 °C):             |         | 0.89 - 0.92 g/cm³ |

**9.2. Other information**

**Other safety characteristics**

- No data

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

- No information available.

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**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.

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 hazard classes as defined in GB CLP Regulation**

**Acute toxicity**

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

| CAS No     | Chemical name                                                                                    |               |         |        |        |
|------------|--------------------------------------------------------------------------------------------------|---------------|---------|--------|--------|
|            | Exposure route                                                                                   | Dose          | Species | Source | Method |
| 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. (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.

**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 |
| 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**

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**

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 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 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 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)**

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**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.

**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 40

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

**Additional information**

Contains:

5 - 15 % phosphates

**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:

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

**SECTION 16: Other information**

**Changes**

This data sheet contains changes from the previous version in section(s): 2,11,12,15.

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

| 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.

**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.)*