

Fuel System Water Remover

Revision date: 18.01.2021

Product code: 1408

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

1.1. Product identifier

Fuel System Water Remover

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

Use of the substance/mixture

Cleaning agent for Fuel 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: 33068

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Flammable liquid: Flam. Liq. 3

Aspiration hazard: Asp. Tox. 1

Serious eye damage/eye irritation: Eye Irrit. 2

Specific target organ toxicity - single exposure: STOT SE 3

Specific target organ toxicity - single exposure: STOT SE 3

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Flammable liquid and vapour.

May be fatal if swallowed and enters airways.

Causes serious eye irritation.

May cause respiratory irritation.

May cause drowsiness or dizziness.

Toxic to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

mixture of hydrocarbons (aromatic) C9-C10

Signal word: Danger

Pictograms:



Hazard statements

H226

Flammable liquid and vapour.

H304

May be fatal if swallowed and enters airways.

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- | | |
|------|--|
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| 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. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P261 | Avoid breathing Gas/vapour/aerosole. |
| P271 | Use only outdoors or in a well-ventilated area. |
| 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. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P391 | Collect spillage. |
| 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. |
|--------|---|

Labelling of packages where the contents do not exceed 125 ml

Signal word: Danger

Pictograms:



Hazard statements

H304-H335-H336

Precautionary statements

P101-P102-P261-P271-P301+P310-P331-P405-P501

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Petroleum (Gasoline)
Dispersants

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Hazardous components

| CAS No | Chemical name | | | Quantity |
|------------|---|----------|------------------|---------------|
| | EC No | Index No | REACH No | |
| | GHS Classification | | | |
| 64742-95-6 | mixture of hydrocarbons (aromatic) C9-C10 | | | 95 - <= 100 % |
| | 918-668-5 | | 01-2119455851-35 | |
| | Flam. Liq. 3, STOT SE 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H335 H336 H304 H411 EUH066 | | | |
| 69011-36-5 | isotridecanole, ethoxylised | | | 1 - < 5 % |
| | 931-138-8 | | | |
| | Acute Tox. 4, Eye Dam. 1; H302 H318 | | | |

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

Specific concentration limits and M-factors

| CAS No | EC No | Chemical name | Quantity |
|------------|---|-----------------------------|-----------|
| | Specific concentration limits and M-factors | | |
| 69011-36-5 | 931-138-8 | isotridecanole, ethoxylised | 1 - < 5 % |
| | Eye Dam. 1; H318: >= 10,1 - 100 Eye Irrit. 2; H319: >= 1 - < 10,1 | | |

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Move victim to fresh air. Put victim at rest and keep warm.

After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

In case of difficulties of breathing consult physician.

If victim is at risk of losing consciousness, position and transport on their side.

After contact with skin

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

After contact with skin, wash immediately with plenty of water and soap.

Rub greasy ointment into the skin.

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 drunk 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. alcohol resistant foam. Carbon dioxide (CO2).

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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.

Contaminated fire-fighting water must be collected separately.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

In case of fire: Wear self-contained breathing apparatus.

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

Prevent spreading of spillages (e.g. by oil barrier).

Wipe up with absorbent material (eg. cloth, fleece).

6.4. Reference to other sections

No data

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

Closed devices. 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.

Further information on storage conditions

Packaging materials: metal.

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**

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. (DIN EN 166)



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according to Regulation (EC) No 1907/2006

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Hand protection

Tested protective gloves are to be worn: Butyl rubber. (EN ISO 374)

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 insufficient ventilation, wear suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------|-------------------------|
| Physical state: | liquid |
| Colour: | colourless, transparent |
| Odour: | aromatic |

Changes in the physical state

| | |
|--|------------------------|
| Initial boiling point and boiling range: | 165 - 180 °C |
| Flash point: | 50 °C |
| Lower explosion limits: | 1,0 vol. % |
| Upper explosion limits: | 7,0 vol. % |
| Ignition temperature: | 475 °C |
| Density (at 20 °C): | 0,88 g/cm ³ |
| Water solubility: (at 20 °C) | insoluble |

Solubility in other solvents

Organic solvents

| | |
|--------------------------------------|------------------------|
| Viscosity / kinematic: (at 40 °C) | 0,8 mm ² /s |
|--------------------------------------|------------------------|

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

Only use the material in places where open light, fire and other flammable sources can be kept away.

10.5. Incompatible materials

Oxidizing agents. acid, concentrated. Alkalis (alkalis), concentrated.

10.6. Hazardous decomposition products

Carbon monoxide (CO), Carbon dioxide (CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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Acute toxicity

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

| CAS No | Chemical name | | | | |
|------------|---|------------------|---------|--------|--------|
| | Exposure route | Dose | Species | Source | Method |
| 64742-95-6 | mixture of hydrocarbons (aromatic) C9-C10 | | | | |
| | oral | LD50 >3000 mg/kg | Rat | | |
| | dermal | LD50 >3160 mg/kg | Rat | | |
| 69011-36-5 | isotridecanole, ethoxylised | | | | |
| | oral | LD50 >2000 mg/kg | Rat | | |
| | dermal | LD50 >2000 mg/kg | Rabbit | | |

Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

STOT-single exposure

May cause respiratory irritation. (mixture of hydrocarbons (aromatic) C9-C10)

May cause drowsiness or dizziness. (mixture of hydrocarbons (aromatic) C9-C10)

STOT-repeated exposure

Repeated exposure may cause skin dryness or cracking.

Aspiration hazard

May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1. Toxicity

| CAS No | Chemical name | | | | | |
|------------|---|------------------|-----------|------------------------|--------|--------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 64742-95-6 | mixture of hydrocarbons (aromatic) C9-C10 | | | | | |
| | Acute fish toxicity | LC50 1 - 10 mg/l | 96 h | Daphnia magna | | |
| 69011-36-5 | isotridecanole, ethoxylised | | | | | |
| | Acute fish toxicity | LC50 1-10 mg/l | 96 h | Cyprinus carpio (Carp) | | |
| | Acute algae toxicity | ErC50 1-10 mg/l | 72 h | Fish | | |
| | Acute crustacea toxicity | EC50 1-10 mg/l | 48 h | Daphnia magna | | |

12.2. Persistence and degradability

No information available.

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| CAS No | Chemical name | | | |
|------------|---|--------|----|--------|
| | Method | Value | d | Source |
| | Evaluation | | | |
| 69011-36-5 | isotridecanole, ethoxylised | | | |
| | OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C | > 60 % | 28 | |
| | OECD 301A/ ISO 7827/ EEC 92/69/V, C.4-A | > 70 % | 28 | |

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.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not dispose with household waste.
Do not allow to enter into surface water or drains.
Have to add a Special treatment in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.
Arrange about the exact waste code with the local waste disposal expert.

Contaminated packaging

Contaminated packing must be completely emptied and can be re-used following appropriate cleaning.
Do not pierce, cut up or weld unclean container. (Explosion hazard.)

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:

UN 1268

14.2. UN proper shipping name:

PETROLEUM DISTILLATES, N.O.S.
mixture of hydrocarbons (aromatic) C9-C10

14.3. Transport hazard class(es):

3

14.4. Packing group:

III

Hazard label:

3



Classification code:

F1

Special Provisions:

ADR664

Limited quantity:

5 L

Excepted quantity:

E1

Transport category:

3

Hazard No:

30

Tunnel restriction code:

D/E

Inland waterways transport (ADN)

14.1. UN number:

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14.2. UN proper shipping name:

PETROLEUM DISTILLATES, N.O.S.
mixture of hydrocarbons (aromatic) C9-C10

14.3. Transport hazard class(es):

3

14.4. Packing group:

III

Hazard label:

3



Classification code:

F1

Special Provisions:

363

Limited quantity:

5 L

Excepted quantity:

E1

Marine transport (IMDG)

14.1. UN number:

UN 1268

14.2. UN proper shipping name:

PETROLEUM DISTILLATES, N.O.S.
mixture of hydrocarbons (aromatic) C9-C10

14.3. Transport hazard class(es):

3

14.4. Packing group:

III

Hazard label:

3



Marine pollutant:

P

Special Provisions:

223, 955

Limited quantity:

5 L

Excepted quantity:

E1

EmS:

F-E, S-E

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:

UN 1268

14.2. UN proper shipping name:

PETROLEUM DISTILLATES, N.O.S.
mixture of hydrocarbons (aromatic) C9-C10

14.3. Transport hazard class(es):

3

14.4. Packing group:

III

Hazard label:

3



Special Provisions:

A3

Limited quantity Passenger:

10 L

Passenger LQ:

Y344

Excepted quantity:

E1

IATA-packing instructions - Passenger:

355

IATA-max. quantity - Passenger:

60 L

IATA-packing instructions - Cargo:

366

IATA-max. quantity - Cargo:

220 L

14.5. Environmental hazards

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ENVIRONMENTALLY HAZARDOUS: Yes



Danger releasing substance: mixture of hydrocarbons (aromatic) C9-C10

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 3, Entry 28

Additional information

Contains:

> 30 % hydrocarbons, aromatic.

< 5 % nonionic tensides.

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): 2,3,9,11,14,15.

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

| Classification | Classification procedure |
|-------------------------|--------------------------|
| Flam. Liq. 3; H226 | On basis of test data |
| Asp. Tox. 1; H304 | Calculation method |
| Eye Irrit. 2; H319 | Calculation method |
| STOT SE 3; H335 | Calculation method |
| STOT SE 3; H336 | Calculation method |
| Aquatic Chronic 2; H411 | Calculation method |

Relevant H and EUH statements (number and full text)

| | |
|--------|---|
| H226 | Flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| 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 the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.



Safety Data Sheet

bluechem 
GROUP

according to Regulation (EC) No 1907/2006

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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.)