

**Top Gun Cleaner - Particle Filter Cleaner -**

Revision date: 29.10.2015

Product code: 1441

Page 1 of 7

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

Top Gun Cleaner - Particle Filter Cleaner -

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

cleaning solvent for diesel particulate filter

**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: 33481

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Serious eye damage/eye irritation: Eye Dam. 1

Hazard Statements:

Causes serious eye damage.

**2.2. Label elements****Regulation (EC) No. 1272/2008****Hazard components for labelling**

isotridecanole, ethoxylised

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

H318 Causes serious eye damage.

**Precautionary statements**

|                |  |
|----------------|--|
| P101           | If medical advice is needed, have product container or label at hand.  |
| P102           | Keep out of reach of children.   |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.   |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310           | Immediately call a POISON CENTER/doctor.   |
| P501           | Dispose of this material and its container to hazardous or special waste collection point.                                       |

**2.3. Other hazards**

No information available.

## Top Gun Cleaner - Particle Filter Cleaner -

Revision date: 29.10.2015

Product code: 1441

Page 2 of 7

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

nonionic tensides  
corrosion preventing agent

##### Hazardous components

| CAS No     | Chemical name   |              |                  | Quantity  |
|------------|---|--------------|------------------|-----------|
|            | EC No   | Index No     | REACH No         |           |
|            | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                 |              |                  |           |
| 69011-36-5 | isotridecanole, ethoxylised   |              |                  | 1 - < 5 % |
|            | 931-138-8   |              | 01-2119976362-32 |           |
|            | Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315 H318 H412                                    |              |                  |           |
| 111-76-2   | 2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether                              |              |                  | 1 - < 5 % |
|            | 203-905-0   | 603-014-00-0 |                  |           |
|            | Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Eye Irrit. 2, Skin Irrit. 2; H332 H312 H302 H319 H315 |              |                  |           |

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

Immediately remove any wetted clothing, shoes or stockings.  
Avoid contact with skin and eyes.

##### After inhalation

No risks worthy of mention.

##### After contact with skin

After contact with skin, wash immediately with: Water and soap.  
Take off immediately all contaminated clothing, including underwear and shoes .

##### After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

##### After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting.  
Do not allow a neutralisation agent to be drunk.

#### 4.2. Most important symptoms and effects, both acute and delayed

No information available.

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

No information available.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Water fog.  
Foam.  
Carbon dioxide.  
Extinguishing powder.  
Atomized water.

## Top Gun Cleaner - Particle Filter Cleaner -

Revision date: 29.10.2015

Product code: 1441

Page 3 of 7

### 5.2. Special hazards arising from the substance or mixture

No information available.

### 5.3. Advice for firefighters

No information available.

### **Additional information**

The product itself is not combustible.

Co-ordinate fire-fighting measures to the fire surroundings.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

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**

Avoid contact with skin and eyes.

### 7.2. Conditions for safe storage, including any incompatibilities

#### **Further information on storage conditions**

Store only in original container.

Protect against: frost.

### 7.3. Specific end use(s)

No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### **Occupational exposure limits**

| CAS No   | Substance       | ppm | mg/m <sup>3</sup> | fib/cm <sup>3</sup> | Category      | Origin |
|----------|-----------------|-----|-------------------|---------------------|---------------|--------|
| 111-76-2 | 2-Butoxyethanol | 20  | 98                |                     | TWA (8 h)     |        |
|          |                 | 50  | 246               |                     | STEL (15 min) |        |

#### **Biological limit values**

| CAS No   | Substance       | Parameter | Value    | Test material | Sampling time |
|----------|-----------------|-----------|----------|---------------|---------------|
| 111-76-2 | 2-Butoxyethanol | BAA       | 200 mg/g | Creatinine    | End of shift  |

### 8.2. Exposure controls

#### **Protective and hygiene measures**

Take off immediately all contaminated clothing

Avoid contact with skin, eyes and clothes.



## Safety Data Sheet

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### Top Gun Cleaner - Particle Filter Cleaner -

Revision date: 29.10.2015

Product code: 1441

Page 4 of 7

#### Eye/face protection

Tightly sealed safety glasses.

#### Hand protection

rubber gloves.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|                 |                |
|-----------------|----------------|
| Physical state: | liquid         |
| Colour:         | transparent    |
| Odour:          | characteristic |

#### Test method

|                      |           |
|----------------------|-----------|
| pH-Value (at 20 °C): | 10 - 11,5 |
|----------------------|-----------|

#### Changes in the physical state

|                |        |
|----------------|--------|
| Melting point: | > 0 °C |
|----------------|--------|

|  |         |
|--|---------|
| Initial boiling point and boiling range: | > 98 °C |
|--|---------|

|              |         |
|--------------|---------|
| Flash point: | > 65 °C |
|--------------|---------|

|                     |                              |
|---------------------|------------------------------|
| Density (at 20 °C): | 0,99 - 1,1 g/cm <sup>3</sup> |
|---------------------|------------------------------|

|                                 |           |
|---------------------------------|-----------|
| Water solubility:<br>(at 20 °C) | miscible. |
|---------------------------------|-----------|

|                                      |                         |
|--------------------------------------|-------------------------|
| Viscosity / kinematic:<br>(at 40 °C) | ~1,0 mm <sup>2</sup> /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 information available.

#### 10.4. Conditions to avoid

Do not mix with other chemicals or cleaners.

#### 10.5. Incompatible materials

Do not mix with acids.

#### 10.6. Hazardous decomposition products

No information available.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

## Top Gun Cleaner - Particle Filter Cleaner -

Revision date: 29.10.2015

Product code: 1441

Page 5 of 7

### Acute toxicity

| CAS No     | Chemical name  |                  |         |        |
|------------|--|------------------|---------|--------|
|            | Exposure route   | Dose             | Species | Source |
| 69011-36-5 | isotridecanole, ethoxylised  |                  |         |        |
|            | oral   | LD50 >2000 mg/kg | Rat     |        |
|            | dermal   | LD50 >2000 mg/kg | Rabbit  |        |
| 111-76-2   | 2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether |                  |         |        |
|            | oral   | LD50 470 mg/kg   | Rat     |        |
|            | dermal   | ATE 1100 mg/kg   |         |        |
|            | inhalative vapour  | ATE 11 mg/l      |         |        |
|            | inhalative aerosol   | ATE 1,5 mg/l     |         |        |

## SECTION 12: Ecological information

### 12.1. Toxicity

| CAS No     | Chemical name  |                 |           |                        |        |
|------------|--|-----------------|-----------|------------------------|--------|
|            | Aquatic toxicity   | Dose            | [h]   [d] | Species                | Source |
| 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          |        |
| 111-76-2   | 2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether |                 |           |                        |        |
|            | Acute fish toxicity  | LC50 1490 mg/l  | 96 h      | Lepomis macrochirus    |        |

### 12.2. Persistence and degradability

Surfactants fully biodegradable.

| 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

No indication of bio-accumulation potential.

### Partition coefficient n-octanol/water

| CAS No   | Chemical name  | Log Pow     |
|----------|--|-------------|
| 111-76-2 | 2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether | 0,81 (25°C) |

### 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.



## Safety Data Sheet

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### Top Gun Cleaner - Particle Filter Cleaner -

Revision date: 29.10.2015

Product code: 1441

Page 6 of 7

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Advice on disposal

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.  
due to the alkaline character of the product, usually, it has to be neutralized before contaminated effluents are introduced into the waste water treatment system.

#### Waste disposal number of waste from residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

#### Waste disposal number of used product

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

#### Contaminated packaging

Refer to manufacturer/supplier for information on recovery/recycling.

## 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 these transport regulations.

### Inland waterways transport (ADN)

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

No dangerous good in sense of these transport regulations.

### Marine transport (IMDG)

#### Other applicable information (marine transport)

No dangerous good in sense of these transport regulations.

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

#### Other applicable information (air transport)

No dangerous good in sense of these transport regulations.

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

### 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

2004/42/EC (VOC): 3 %



## Safety Data Sheet

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### Top Gun Cleaner - Particle Filter Cleaner -

Revision date: 29.10.2015

Product code: 1441

Page 7 of 7

#### Additional information

Contains: (Regulation (EC) No. 648/2004 (Detergents regulation))  
< 5 % nonionic tensides

#### National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

#### Additional information

Regarding the EU-directive 2008/105/EU contains the product none of the listed substances.

#### 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.                              |
| H312 | Harmful in contact with skin.                      |
| H315 | Causes skin irritation.                            |
| H318 | Causes serious eye damage.                         |
| H319 | Causes serious eye irritation.                     |
| H332 | Harmful if inhaled.                                |
| H412 | Harmful to aquatic life with long lasting effects. |

#### 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.)*