

**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: 6156

**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**

**Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
111-76-2	2-Butoxyethanol	25	123		TWA (8 h)	WEL
		50	246		STEL (15 min)	WEL

**Biological Monitoring Guidance Values (EH40)**

CAS No	Substance	Parameter	Value	Test material	Sampling time
111-76-2	2-Butoxyethanol	butoxyacetic acid	240 mmol/mol	urine	Post shift

**8.2. Exposure controls**

**Protective and hygiene measures**

Take off immediately all contaminated clothing

Avoid contact with skin, eyes and clothes.

**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
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/cm³
Water solubility: (at 20 °C)	miscible.
Viscosity / kinematic: (at 40 °C)	~1,0 mm²/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	Method
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	Method
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**

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

Revision date: 29.10.2015

Product code: 1441

Page 6 of 7

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 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.

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

Revision date: 29.10.2015

Product code: 1441

Page 7 of 7

**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 %

**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.)*