

**Triple X Air Intake System Cleaner -Diesel**

Revision date: 01.03.2016

Product code: 1389

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

**1.1. Product identifier**

Triple X Air Intake System Cleaner -Diesel

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

**Use of the substance/mixture**

Cleaning agent

**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: 1975

**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 Irrit. 2  
 Specific target organ toxicity - single exposure: STOT SE 3  
 Specific target organ toxicity - single exposure: STOT SE 3  
 Aspiration hazard: Asp. Tox. 1  
 Hazardous to the aquatic environment: Aquatic Chronic 2  
 Hazard Statements:  
 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  
 Distillates (petroleum, gasoline), hydrotreated light

**Signal word:** Danger

**Pictograms:**



**Hazard statements**

H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

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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.  
P271 Use only outdoors or in a well-ventilated area.  
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.  
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.

**2.3. Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

**Chemical characterization**

Solvent mixture  
Synthetic agent combinations  
Lubricants  
Cleaning and care agent

**Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
N/A	mixture of hydrocarbons (aromatic) C9-C10			50 - < 55 %
	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			
108-32-7	Propylene carbonate			20 - < 25 %
	203-572-1		01-2119537232-48	
	Eye Irrit. 2; H319			
100-51-6	Benzyl alcohol			20 - < 25 %
	202-859-9		01-2119492630-38	
	Acute Tox. 4, Acute Tox. 4, Eye Irrit. 2; H302 H332 H319			
64742-82-1	Distillates (petroleum, gasoline), hydrotreated light			10 - < 15 %
	919-164-8		01-2119473977-17	
	STOT RE 1, Asp. Tox. 1, Aquatic Chronic 3; H372 H304 H412 EUH066			

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

**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.

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**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 drunken 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.  
Harmful: danger of serious damage to health by prolonged exposure through inhalation.

**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 (CO<sub>2</sub>).

**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).

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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)

**Hand protection**

Tested protective gloves are to be worn: Butyl rubber. (DIN EN 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
Odour:	aromatic

**Test method**

**Changes in the physical state**

Initial boiling point and boiling range: 110 - 120 °C

Flash point: > 65 °C

Lower explosion limits:

Upper explosion limits:

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Ignition temperature: > 200 °C

Density (at 20 °C): 0.92-0.96 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.

**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 (CO<sub>2</sub>).

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

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**Acute toxicity**

CAS No	Chemical name			
	Exposure route	Dose	Species	Source
N/A	mixture of hydrocarbons (aromatic) C9-C10			
	oral	LD50 >3000 mg/kg	Rat	
	dermal	LD50 >3160 mg/kg	Rat	
108-32-7	Propylene carbonate			
	oral	LD50 29000 mg/kg	Rat	
	dermal	LD50 >20000 mg/kg	Rabbit	
100-51-6	Benzyl alcohol			
	oral	LD50 1230 mg/kg	Rat	
	dermal	LD50 2000 mg/kg	Rabbit	
	inhalative vapour	ATE 11 mg/l		
	inhalative (4 h) aerosol	LC50 >4,178 mg/l	Rat	
64742-82-1	Distillates (petroleum, gasoline), hydrotreated light			
	oral	LD50 >5000 mg/kg	Rat	
	dermal	LD50 >3400 mg/kg	Rabbit	

**Irritation and corrosivity**

After skin contact: 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.

**SECTION 12: Ecological information**

**12.1. Toxicity**

CAS No	Chemical name				
	Aquatic toxicity	Dose	[h]   [d]	Species	Source
108-32-7	Propylene carbonate				
	Acute fish toxicity	LC50 5300 mg/l	96 h	Leuciscus idus	
	Acute algae toxicity	ErC50 900 mg/l	72 h	Algae	
	Acute crustacea toxicity	EC50 500 mg/l	48 h	Daphnia magna	
100-51-6	Benzyl alcohol				
	Acute fish toxicity	LC50 460 mg/l	96 h	Pimephales promelas (fathead minnow)	
	Acute algae toxicity	ErC50 640 mg/l	96 h	Scenedesmus quadricauda	
	Acute crustacea toxicity	EC50 400 mg/l	48 h	Daphnia magna (Big water flea)	
64742-82-1	Distillates (petroleum, gasoline), hydrotreated light				
	Acute fish toxicity	LC50 10-100 mg/l	96 h	Oncorhynchus mykiss	
	Acute algae toxicity	ErC50 50-100 mg/l	72 h	Pseudokirchneriella subcapitata	
	Acute crustacea toxicity	EC50 10-22 mg/l	48 h	Daphnia magna	

**12.2. Persistence and degradability**

No information available.

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**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**

**Advice on disposal**

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 3082

**14.2. UN proper shipping name:**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**14.3. Transport hazard class(es):**

9

**14.4. Packing group:**

III

Hazard label:

9



Classification code:

M6

Special Provisions:

274 335 601

Limited quantity:

5 L

Excepted quantity:

E1

Transport category:

3

Hazard No:

90

Tunnel restriction code:

E

**Inland waterways transport (ADN)**

**14.1. UN number:**

UN 3082

**14.2. UN proper shipping name:**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**14.3. Transport hazard class(es):**

9

**14.4. Packing group:**

III

Hazard label:

9

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Classification code: M6  
Special Provisions: 274 335 601  
Limited quantity: 5 L  
Excepted quantity: E1

**Marine transport (IMDG)**

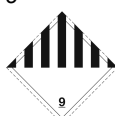
**14.1. UN number:** UN 3082  
**14.2. UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
**14.3. Transport hazard class(es):** 9  
**14.4. Packing group:** III  
Hazard label: 9



Marine pollutant: P  
Special Provisions: 274, 335  
Limited quantity: 5 L  
Excepted quantity: E1  
EmS: F-A, S-F

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

**14.1. UN number:** UN 3082  
**14.2. UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
**14.3. Transport hazard class(es):** 9  
**14.4. Packing group:** III  
Hazard label: 9



Special Provisions: A97 A158  
Limited quantity Passenger: 30 kg G  
Passenger LQ: Y964  
Excepted quantity: E1  
IATA-packing instructions - Passenger: 964  
IATA-max. quantity - Passenger: 450 L  
IATA-packing instructions - Cargo: 964  
IATA-max. quantity - Cargo: 450 L

**14.5. Environmental hazards**

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.



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**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 28: Distillates (petroleum, gasoline), hydrotreated light

**Additional information**

Contains:

5 - 15 % hydrocarbons, aliphatic.

> 30 % hydrocarbons, aromatic.

**National regulatory information**

Water contaminating class (D): 2 - water contaminating

**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)**

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H372	Causes damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

**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.)*