

**Air Conditioner Disinfectant**

Revision date: 04.10.2021

Product code: 856

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

**1.1. Product identifier**

Air Conditioner Disinfectant

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

**Use of the substance/mixture**

Air conditioner 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:**

GBK GmbH: +49-(0)6132-84463 (24/7)

**Further Information**

Article Number: 6123

**SECTION 2: Hazards identification**

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

**GB CLP Regulation**

Hazard categories:  
Aerosol: Aerosol 1  
Hazard Statements:  
Extremely flammable aerosol.  
Pressurised container: May burst if heated.

**2.2. Label elements**

**GB CLP Regulation**

**Signal word:** Danger

**Pictograms:**



**Hazard statements**

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.

**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.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of this material and its container to hazardous or special waste collection point.

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**Special labelling of certain mixtures**

EUH018 In use may form flammable/explosive vapour-air mixture.  
Read attached instructions before use.

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

**Signal word:** Danger

**Pictograms:**



**Hazard statements**

H222-H229

**Precautionary statements**

P102-P210-P211-P251-P410+P412

**2.3. Other hazards**

Use biocides safely. Always read the label and product information before use.

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

**3.2. Mixtures**

**Chemical characterization**

Cleaning agent  
Odour adsorber  
chelating agent

Aerosol propellant: Propane/butane-mixture

**Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
106-97-8	Butane			15 - < 20 %
	203-448-7		01-2119474691-32	
	Flam. Gas 1A, Compressed gas; H220 H280			
74-98-6	propane			5 - < 10 %
	200-827-9		01-2119486944-21	
	Flam. Gas 1A, Compressed gas; H220 H280			
68424-85-1	N-Alkyl(C12-16)-N,N-dimethyl-N-benzyl ammonium chloride			< 1 %
	270-325-2		01-2119983287-23	
	Acute Tox. 4, Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, Aquatic Acute 1; H312 H302 H314 H318 H400			
137-16-6	Sodium N-Lauroyl Sarcosinate			< 1 %
	205-281-5		01-2119527780-39	
	Acute Tox. 2, Skin Irrit. 2, Eye Dam. 1; H330 H315 H318			

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

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

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
68424-85-1	270-325-2	N-Alkyl(C12-16)-N,N-dimethyl-N-benzyl ammonium chloride	< 1 %
		dermal: LD50 = 800 - 1420 mg/kg; oral: LD50 = 795 mg/kg	
137-16-6	205-281-5	Sodium N-Lauroyl Sarcosinate	< 1 %
		inhalation: LC50 = 1,67 mg/l (vapours); inhalation: LC50 = <0,5 mg/l (dusts or mists); oral: LD50 = >5000 mg/kg	

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### After inhalation

Provide fresh air.

#### After contact with eyes

After contact with eye rinse immediately with lot of water at least 5 minutes with open eyelid.

In case of troubles or persistent symptoms, consult an ophthalmologist.

#### After ingestion

Rinse mouth immediately and drink plenty of water.

### 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

All extinguishing media practicable.

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

The product itself is not combustible.

### 5.3. Advice for firefighters

No information available.

#### Additional information

Contaminated fire-fighting water must be collected separately.

Contaminated fire-fighting water must not get into the sewerage network.

## SECTION 6: Accidental release measures

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

No information available.

### 6.2. Environmental precautions

Provide for good ventilation, when develop aerosols/mist.

Keep away from heat.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Prevent spread over a wide area (e.g. by containment or oil barriers).

### 6.4. Reference to other sections

No data

## SECTION 7: Handling and storage

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**7.1. Precautions for safe handling**

**Advice on protection against fire and explosion**

No decomposition when used as intended.

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

**Requirements for storage rooms and vessels**

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
106-97-8	Butane	600	1450		TWA (8 h)	WEL
		750	1810		STEL (15 min)	WEL

**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.

**Hand protection**

Wear suitable gloves.

**SECTION 9: Physical and chemical properties**

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

Physical state: aerosole  
 Colour: colourless  
 Odour: perfumed

pH-Value (at 20 °C): 10,5

**Changes in the physical state**

Melting point/freezing point: 0 °C

Boiling point or initial boiling point and boiling range: 100 °C

Flash point: > 100 °C

Vapour pressure: < 12 hPa  
 (at 20 °C)

Density: 1,00 - 1,01 g/cm<sup>3</sup>

Water solubility: highly soluble.  
 (at 20 °C)

**9.2. Other information**

No data

**SECTION 10: Stability and reactivity**

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**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**

No decomposition when used as intended.

Do not store at temperatures under: 3 °C

**10.5. Incompatible materials**

Oxidizing agents, strong.

strong acids

**10.6. Hazardous decomposition products**

No hazardous decomposition products are known.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute toxicity**

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
68424-85-1	N-Alkyl(C12-16)-N,N-dimethyl-N-benzyl ammonium chloride				
	oral	LD50 795 mg/kg	Rat		
	dermal	LD50 800 - 1420 mg/kg	Rat		
137-16-6	Sodium N-Lauroyl Sarcosinate				
	oral	LD50 >5000 mg/kg	Rat		
	inhalation (4 h) vapour	LC50 1,67 mg/l			
	inhalation (4 h) aerosol	LC50 <0,5 mg/l			

**Irritation and corrosivity**

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**

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.

**Practical experience**

**Other observations**

No information available.

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### SECTION 12: Ecological information

#### 12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
68424-85-1	N-Alkyl(C12-16)-N,N-dimethyl-N-benzyl ammonium chloride					
	Acute fish toxicity	LC50 mg/l	0,93	96 h	Oncorhynchus mykiss	
	Acute crustacea toxicity	EC50 mg/l	0,016	48 h	Daphnia magna	

#### 12.2. Persistence and degradability

No information available.

#### 12.3. Bioaccumulative potential

##### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
74-98-6	propane	2,36

#### 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

##### List of Wastes Code - residues/unused products

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

##### List of Wastes Code - used product

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

##### Contaminated packaging

Dispose of waste according to applicable legislation.  
Cleaned containers may be recycled.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

<b>14.1. UN number:</b>	UN 1950
<b>14.2. UN proper shipping name:</b>	AEROSOLS Propane/butane-mixture
<b>14.3. Transport hazard class(es):</b>	2
<b>14.4. Packing group:</b>	-
Hazard label:	2.1

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Classification code: 5F  
Special Provisions: 190 327 344 625  
Limited quantity: 1 L  
Excepted quantity: E0  
Transport category: 2  
Hazard No: -  
Tunnel restriction code: D

**Inland waterways transport (ADN)**

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
Propane/butane-mixture  
**14.3. Transport hazard class(es):** 2  
**14.4. Packing group:** -  
Hazard label: 2.1



Classification code: 5F  
Special Provisions: 190 327 344 625  
Limited quantity: 1 L  
Excepted quantity: E0

**Marine transport (IMDG)**

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
Propane/butane-mixture  
**14.3. Transport hazard class(es):** 2.1  
**14.4. Packing group:** -  
Hazard label: 2.1



Marine pollutant: -  
Special Provisions: 63, 190, 277, 327, 344, 381, 959  
Limited quantity: 1000 mL  
Excepted quantity: E0  
EmS: F-D, S-U

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

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS, FLAMMABLE  
Propane/butane-mixture  
**14.3. Transport hazard class(es):** 2.1  
**14.4. Packing group:** -  
Hazard label: 2.1

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Special Provisions: A145 A167 A802  
 Limited quantity Passenger: 30 kg G  
 Passenger LQ: Y203  
 Excepted quantity: E0  
 IATA-packing instructions - Passenger: 203  
 IATA-max. quantity - Passenger: 75 kg  
 IATA-packing instructions - Cargo: 203  
 IATA-max. quantity - Cargo: 150 kg

**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**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 29

**Additional information**

Contains:

Preservatives.

**National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

Biocide registry number: N-53532

**15.2. Chemical safety assessment**

For the following substances of this mixture a chemical safety assessment has been carried out:

Butane

propane

N-Alkyl(C12-16)-N,N-dimethyl-N-benzyl ammonium chloride

Sodium N-Lauroyl Sarcosinate

**SECTION 16: Other information**

**Changes**

This data sheet contains changes from the previous version in section(s): 2,3,8,11,12,14,15.

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

Classification	Classification procedure
Aerosol 1; H222-H229	On basis of test data

**Relevant H and EUH statements (number and full text)**

H220 Extremely flammable gas.  
 H222 Extremely flammable aerosol.  
 H229 Pressurised container: May burst if heated.  
 H280 Contains gas under pressure; may explode if heated.



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H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
EUH018	In use may form flammable/explosive vapour-air mixture.

**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.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*