

Injector Dismantling Aid

Revision date: 16.09.2021

Product code: 1271

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

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1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**Cleaning agent.
Solvents.**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 GBK GmbH: +49-(0)6132-84463 (24/7)**number:****Further Information**

Article Number: 33150

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

Hazard categories:
Aerosol: Aerosol 1
Aspiration hazard: Asp. Tox. 1
Skin corrosion/irritation: Skin Irrit. 2
Specific target organ toxicity - single exposure: STOT SE 3
Hazardous to the aquatic environment: Aquatic Chronic 3
Hazard Statements:
Extremely flammable aerosol.
Pressurised container: May burst if heated.
May be fatal if swallowed and enters airways.
Causes skin irritation.
May cause drowsiness or dizziness.
Harmful to aquatic life with long lasting effects.

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

Low boiling point hydrogen treated naphtha, Naphtha (petroleum, gasoline), hydrotreated light propan-2-ol; isopropyl alcohol; isopropanol
Low boiling point hydrogen treated naphtha, Naphtha (petroleum, gasoline), hydrotreated heavy

Signal word: Danger**Pictograms:**

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Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful 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.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing aerosole.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves and eye/face protection.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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.

Labelling of packages where the contents do not exceed 125 ml

Signal word: Danger

Pictograms:



Hazard statements

H222-H229-H336-H412

Precautionary statements

P101-P102-P210-P211-P251-P261-P271-P304+P340-P410+P412-P501

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
106-97-8	Butane			40 - < 45 %
	203-448-7		01-2119474691-32	
	Flam. Gas 1A, Compressed gas; H220 H280			
74-98-6	propane			20 - < 25 %
	200-827-9		01-2119486944-21	
	Flam. Gas 1A, Compressed gas; H220 H280			
64742-49-0	Low boiling point hydrogen treated naphtha, Naphtha (petroleum, gasoline), hydrotreated light			10 - < 15 %
	265-151-9		01-2119475514-35	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411			
90622-57-4	Isoaliphatic Hydrocarbons (C9-C12)			5 - < 10 %
	292-459-0			
	Flam. Liq. 3, Asp. Tox. 1, Aquatic Chronic 4; H226 H304 H413 EUH066			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			5 - < 10 %
	200-661-7		01-2119457558-25	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			
64741-65-7	Naphtha (petroleum), Naphtha low boiling, modified			1 - < 5 %
	265-067-2			
	Asp. Tox. 1, Aquatic Chronic 4; H304 H413 EUH066			
64742-48-9	Low boiling point hydrogen treated naphtha, Naphtha (petroleum, gasoline),hydrotreated heavy			1 - < 5 %
	265-150-3			
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1; H226 H336 H304 EUH066			
78-78-4	isopentane; 2-methylbutane			< 1 %
	201-142-8		01-2119475602-38	
	Flam. Liq. 1, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H224 H336 H304 H411 EUH066			

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

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
90622-57-4	292-459-0	Isoaliphatic Hydrocarbons (C9-C12)	5 - < 10 %
		dermal: LD50 = 3200 mg/kg; oral: LD50 = 10000 mg/kg	
67-63-0	200-661-7	propan-2-ol; isopropyl alcohol; isopropanol	5 - < 10 %
		inhalation: LC50 = 47,5 mg/l (vapours); dermal: LD50 = 12800 mg/kg; oral: LD50 = 5280 mg/kg	
64742-48-9	265-150-3	Low boiling point hydrogen treated naphtha, Naphtha (petroleum, gasoline),hydrotreated heavy	1 - < 5 %
		dermal: LD50 = >3000 mg/kg; oral: LD50 = >5000 mg/kg	

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove affected person from the danger area and lay down.
Change contaminated clothing.

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After inhalation

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

After contact with skin

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

In case of skin irritation, seek medical treatment.

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

Do NOT induce vomiting. 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.

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

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

The following symptoms may occur:

unconsciousness. Intoxication. vomiting. drowsiness. Headache.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Extinguishing powder.

Carbon dioxide (CO₂).

Water fog.

alcohol resistant foam.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Swims on the water. Vapours are heavier than air and will spread at floor level.

5.3. Advice for firefighters

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

Additional information

Cool endangered container in case of fire.

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

Provide adequate ventilation. Wear suitable solvent-proof protective clothing according to EN 465. Keep away from sources of ignition - No smoking. Avoid contact with skin and eyes.

Do not breathe gas/fumes/vapour/spray.

6.2. Environmental precautions

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

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

6.4. Reference to other sections

Explosive. Vapours may form explosive mixtures with air.

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

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Advice on safe handling

Keep only in the original container in a cool, well-ventilated place.

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Advice on protection against fire and explosion

Vapours may form explosive mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

The floor should be leak tight, jointless and not absorbent. Keep only in the original container in a cool, well-ventilated place. Do not store at temperatures over: 50 °C

Heating causes rise in pressure with risk of bursting.

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 ³	fib/cm ³	Category	Origin
74-98-6	Aliphatic hydrocarbon gases, Alkanes (C1-C3), Propane	-	-	-	Asphyxiant	
106-97-8	Butane, all isomers - n-butane	1000	-	-	STEL (15 min)	
78-78-4	iso-Pentane	1000	-	-	TWA (8 h)	
67-63-0	Propan-2-ol	200	-	-	TWA (8 h)	
		400	-	-	STEL (15 min)	

Biological limit values

CAS No	Substance	Parameter	Value	Test material	Sampling time
67-63-0	2-Propanol	Acetone	40 mg/L	Urine	End of shift at end of workweek

8.2. Exposure controls

Protective and hygiene measures

Keep away from food, drink and animal feedingstuffs.

Remove contaminated, saturated clothing immediately. Wash hands before breaks and after work.

Do not breathe gas/fumes/vapour/spray. Avoid contact with skin and eyes.

Eye/face protection

Wear tightly sealed safety glasses against possible splashes into the eyes.

Hand protection

Tested protective gloves are to be worn: FKM (Fluoroelastomer (Viton)).NBR (Nitrile rubber).

Respiratory protection

Have to care for a good Ventilation at workplace.



Safety Data Sheet

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according to Regulation (EC) No 1907/2006

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Aerosol
Colour:	red/silver grey
Odour:	characteristic

Changes in the physical state

Boiling point or initial boiling point and boiling range:	< -20 °C
Flash point:	< -20 °C
Lower explosion limits:	0,6 vol. %
Upper explosion limits:	10,8 vol. %
Auto-ignition temperature:	> 200 °C
Density (at 20 °C):	0,63 g/cm ³

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

Do not store at temperatures over: 50 °C
Keep away from heat.

10.5. Incompatible materials

No information available.

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.

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
90622-57-4	Isoaliphatic Hydrocarbons (C9-C12)				
	oral	LD50 10000 mg/kg	Rat	GESTIS	
	dermal	LD50 3200 mg/kg	Rabbit	GESTIS	
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol				
	oral	LD50 5280 mg/kg	Rat		
	dermal	LD50 12800 mg/kg	Rabbit		
	inhalation (4 h) vapour	LC50 47,5 mg/l	Rat		
64742-48-9	Low boiling point hydrogen treated naphtha, Naphtha (petroleum, gasoline),hydrotreated heavy				
	oral	LD50 >5000 mg/kg	Rat		
	dermal	LD50 >3000 mg/kg	Rabbit		

Irritation and corrosivity

Causes skin irritation.

Serious eye damage/eye 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 drowsiness or dizziness.

STOT-repeated exposure

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

Aspiration hazard

May be fatal if swallowed and enters airways.

Practical experience

Other observations

No information available.

SECTION 12: Ecological information

12.1. Toxicity

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
64742-49-0	Low boiling point hydrogen treated naphtha, Naphtha (petroleum, gasoline), hydrotreated light					
	Acute crustacea toxicity	EC50 mg/l	1-10	48 h	Daphnia magna	
	Crustacea toxicity	NOEC	1 mg/l		Daphnia magna	
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol					
	Acute fish toxicity	LC50 mg/l	9640	96 h	Pimephales promelas	
	Acute algae toxicity	ErC50 mg/l	1000	72 h	Algae	
	Acute crustacea toxicity	EC50 mg/l	13299	48 h	Daphnia magna	

12.2. Persistence and degradability

Surfactants fully biodegradable.

12.3. Bioaccumulative potential

Swims on the water. Low potential of bio-accumulation.

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.

Further information

Do not empty into drains or the aquatic environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Arrange about the exact waste code with the local waste disposal expert.

Do not dispose with household waste.

List of Wastes Code - residues/unused products

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

List of Wastes Code - used product

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

Contaminated packaging

Dispose of waste according to applicable legislation. Contaminated packing must be completely emptied and can be re-used following appropriate cleaning.

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SECTION 14: Transport information

Land transport (ADR/RID)

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
 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

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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



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 28, Entry 29

2004/42/EC (VOC): 98 %

Additional information

Contains: (Regulation (EC) No. 648/2004 (Detergents regulation))

15 - 30 % hydrocarbons, aliphatic.

National regulatory information

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

Additional information

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

15.2. Chemical safety assessment

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

Butane

propane

Low boiling point hydrogen treated naphtha, Naphtha (petroleum, gasoline), hydrotreated light

propan-2-ol; isopropyl alcohol; isopropanol

isopentane; 2-methylbutane

SECTION 16: Other information



Safety Data Sheet

according to Regulation (EC) No 1907/2006

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Changes

This data sheet contains changes from the previous version in section(s): 1,2,3,8,11,12,14,15.

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

Classification	Classification procedure
Aerosol 1; H222-H229	On basis of test data
Asp. Tox. 1; H304	Calculation method
Skin Irrit. 2; H315	Bridging principle "Aerosols"
STOT SE 3; H336	Bridging principle "Aerosols"
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H224	Extremely flammable liquid and vapour.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.
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.

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.)