

Radiator Stop Leak

Revision date: 20.10.2021

Product code: 1402

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

1.1. Product identifier

Radiator Stop Leak

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

Use of the substance/mixture

Repairing of smaller leaks in the radiator.

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: 1601, 1602, 1603, 1605, 1608

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

2.2. Label elements

GB CLP Regulation

Special labelling of certain mixtures

EUH208 Contains 2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol (HHT). May produce an allergic reaction.

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Biodegradable concentrate of stop leak agent.

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Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
532-32-1	sodium benzoate			1 - < 5 %
	208-534-8		01-2119460683-35	
	Eye Irrit. 2; H319			
4719-04-4	2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol (HHT)			< 0.1 %
	225-208-0		01-2119529226-41	
	Acute Tox. 2, Acute Tox. 4, Eye Irrit. 2, Skin Sens. 1; H330 H302 H319 H317			

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		
532-32-1	208-534-8	sodium benzoate	1 - < 5 %
	inhalation: LC50 = >12,2 mg/l (vapours); dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg		
4719-04-4	225-208-0	2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol (HHT)	< 0.1 %
	inhalation: ATE = 0,5 mg/l (vapours); inhalation: LC50 = 0,37 mg/l (dusts or mists); dermal: LD50 = >2000 mg/kg; oral: LD50 = 580 mg/kg Skin Sens. 1; H317: >= 0,1 - 100		

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Change contaminated clothing.

After inhalation

No information available.

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

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

After ingestion

Rinse mouth immediately and drink plenty of water.

Consult physician.

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

May cause sensitization by skin contact.

Irritation of eyes: Irritant effect possible.

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

Extinguishing powder. alcohol resistant foam. Sand.

Unsuitable extinguishing media

High power water jet.

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5.2. Special hazards arising from the substance or mixture

No information available.

5.3. Advice for firefighters

No information available.

Additional information

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

No information available.

6.3. Methods and material for containment and cleaning up

To clean the floor and all objects contaminated by this material, use plenty of water.

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

Requirements for storage rooms and vessels

Keep container tightly closed and in a well-ventilated place.

Storage temperature: of °C: 5 up to °C: 50

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

No information available.

8.2. Exposure controls

Eye/face protection

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

Hand protection

Tested protective gloves are to be worn: Butyl rubber.

Skin protection

Wear suitable solvent-proof protective clothing according to EN 465.

Respiratory protection

Provide adequate ventilation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: liquid, Jelly

Colour: green

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Odour: noticeable

pH-Value (at 20 °C): 7

Changes in the physical state

Boiling point or initial boiling point and boiling range: 85 - 110 °C

Density (at 20 °C): 0,95 - 1,1 g/cm³

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

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

No decomposition when used as intended.

UV-solarization/sunlight.

10.5. Incompatible materials

Should be stored separately from oxidizing agents.

10.6. Hazardous decomposition products

No decomposition when used as intended.

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
532-32-1	sodium benzoate				
	oral	LD50 >2000 mg/kg	Rat		
	dermal	LD50 >2000 mg/kg	Rabbit		
	inhalation (4 h) vapour	LC50 >12,2 mg/l	Rabbit		
4719-04-4	2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol (HHT)				
	oral	LD50 580 mg/kg	Rat		
	dermal	LD50 >2000 mg/kg	Rabbit		
	inhalation vapour	ATE 0,5 mg/l			
	inhalation (4 h) aerosol	LC50 0,37 mg/l	Rat		

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Irritation and corrosivity

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

Sensitising effects

Contains 2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol (HHT). May produce an allergic reaction.

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.

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
532-32-1	sodium benzoate					
	Acute fish toxicity	LC50 mg/l	>100	96 h	Fish	
	Acute algae toxicity	ErC50	>10 mg/l	72 h	Algae	
	Acute crustacea toxicity	EC50 mg/l	>100	48 h	Daphnia magna	
4719-04-4	2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol (HHT)					
	Acute fish toxicity	LC50 mg/l	>119	96 h	Oncorhynchus mykiss	
	Acute crustacea toxicity	EC50 mg/l	26,1	48 h	Daphnia magna	

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

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

Disposal recommendations

Do not dispose with household waste.

Do not allow to enter into surface water or drains.

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

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

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information

Contains:
Preservatives.

National regulatory information

Water hazard class (D): - - non-hazardous to water

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:
sodium benzoate
2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol (HHT)

SECTION 16: Other information

Relevant H and EUH statements (number and full text)

H302 Harmful if swallowed.
H317 May cause an allergic skin reaction.

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H319	Causes serious eye irritation.
H330	Fatal if inhaled.
EUH208	Contains 2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol (HHT). May produce an allergic reaction.

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.)