

**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**

**Regulation (EC) No. 1272/2008**

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

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

**2.2. Label elements**

**Regulation (EC) No. 1272/2008**

**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.

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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.)*