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:	Bluechem Australia	
Street:	Unit 2, 102-110 NORTH VIEW DRIVE	
Place:	3020 SUNSHINE, VICTORIA, AUSTRALIA	
Telephone:	(03) 9311 4456	Telefax: (03) 9311 7712
e-mail:	admin@bluechemaustralia.com.au	
Contact person:	Neil Cochrane	
Internet:	www.bluechemaustralia.com.au	

1.4. Emergency telephone number:

Emergency 24 HOUR: Neil Cochrane (03) 9311 4456 or 0498 880 115

Further Information

Article Number: 33316

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLASSIFIED AS NON-HAZARDOUS CHEMICAL ACCORDING TO SAFE WORK AUSTRALIA AND WHS CRITERIA.
CLASSIFIED AS NON-DANGEROUS GOODS ACCORDING TO THE ADG CODE.
POISON SCHEDULE: none allocated

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

Classification according to WHS

This mixture is not classified as hazardous in accordance with WHS criteria.

2.2. Label elements

Component(s) to be indicated on the label

sodium benzoate 1-< 5 %
non-hazardous ingredients > 95 %

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Biodegradable concentrate of stop leak agent.

non-hazardous ingredients > 95 %

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to WHS criteria			
532-32-1	sodium benzoate			1 - < 5 %
	208-534-8		01-2119460683-35	
	Eye Irrit. 2A; H319			

Full text of H and AUH phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Change contaminated clothing.

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 sensitisation 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.

5.2. Special hazards arising from the substance or mixture

No information available.

5.3. Advice for firefighters

HAZCHEM: none allocated

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

Information for safe handling look up chapter 7.
Information for personal protective equipment look up chapter 8.
Information for disposal see section 13.

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

Occupational Exposure Limits (OEL) - Australia

No data 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
Odour:	noticeable

		Test method
pH-Value (at 20 °C):	7	

Changes in the physical state

Initial boiling point and boiling range:	85 - 110 °C	
Density (at 20 °C):	0,95 - 1,1 g/cm³	
Water solubility: (at 20 °C)	easily soluble.	

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 seperately 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

CAS No	Chemical name				
	Exposure route	Dose		Species	Source
532-32-1	sodium benzoate				
	oral	LD50	>2000 mg/kg	Rat	
	dermal	LD50	>2000 mg/kg	Rabbit	
	inhalative (4 h) vapour	LC50	>12,2 mg/l	Rabbit	

Irritation and corrosivity

Frequently or prolonged contact with skin may cause dermal irritation.

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Dose		[h] | [d]	Species	Source
532-32-1	sodium benzoate					
	Acute fish toxicity	LC50	>100 mg/l	96 h	Fish	
	Acute algae toxicity	ErC50	>10 mg/l	72 h	Algae	
	Acute crustacea toxicity	EC50	>100 mg/l	48 h	Daphnia magna	

12.2. Persistence and degradability

Product is biodegradable.

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

Advice on disposal

Do not dispose with household waste.
Do not allow to enter into surface water or drains.
Arrange about the exact waste code with the local waste disposal expert.

SECTION 14: Transport information

Land transport (ADG)

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.
HAZCHEM: none allocated

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

Additional information

Contains:
Preservatives.

National regulatory information

Water contaminating class (D): - - not water contaminating

Additional information

POISON SCHEDULE: none allocated
All components of this mixture are listed on or exempted from AICS.

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms

ADG = Australian Code for the Transport of Dangerous Goods by Road & Rail
IMDG = International Maritime Code for Dangerous Goods
IATA/ICAO = International Air Transport Association / International Civil Aviation Organization
MARPOL = International Convention for the Prevention of Pollution from Ships
IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk
HAZCHEM = HAZardous CHEMicals

WHS = Work Health and Safety
NOHSC = National Occupational Health and Safety Commission (Australia)
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
REACH = Registration, Evaluation, Authorization and Restriction of Chemicals
CAS = Chemical Abstract Service
EN = European norm
ISO = International Organization for Standardization
DIN = Deutsche Industrie Norm
PBT = Persistent Bioaccumulative and Toxic
vPvB = Very Persistent and very Bio-accumulative

LD = Lethal dose
LC = Lethal concentration
EC = Effect concentration
IC = Median immobilisation concentration or median inhibitory concentration

Relevant H and AUH phrases (number and full text)

H319 Causes serious eye irritation.

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 singulary 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.)