



Safety Data Sheet

according to Regulation (EC)
No 1907/2006 (REACH) as amended

RADIATOR STOP LEAK

TEC-2000 LTD.

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

1.1 Product Identifier

Trade Name: TEC-2000 RADIATOR STOP LEAK

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

Sector of Use: Product supplied for professional use only

Application of the substance / the preparation:

Stops coolant leaks from automotive cooling systems.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Name or trade name TEC-2000 LIMITED
Address PO Box 285, Hitchin, Hertfordshire, SG4 9WQ, United Kingdom
VAT Reg No GB111112414
Phone +44 (0) 1462 433 660
E-mail mike@tec-2000.co.uk
Web address www.tec-2000.co.uk

Competent person responsible for the safety data sheet

Name TEC-2000 LIMITED
E-mail mike@tec-2000.co.uk

1.4 Emergency telephone number

0044 (Ø) 7831 105386 (24hrs)

NHS Direct: 111

UK-National Poisons Information Service (NPIS): 0344 892 0111 (healthcare professionals only).

Ireland - National Poisons Information Centre (NPIC): (01) 809 2566 (healthcare professionals only).

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin Sens. 1 H317 May cause an allergic skin reaction.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008:

The product is classified and labelled according to the CLP regulation.

Hazard pictograms:



Signal word: Warning

Hazard-determining components of labelling:

1,2-benzisothiazol-3(2H)-one

Hazard statements:

H317 May cause an allergic skin reaction.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

This product contains 1,2-benzisothiazol-3(2H)-one used as a preservative. Therefore, this product is a treated article according to Regulation (EU) No 528/2012.

Do not allow to enter sewers/surface or ground water.



Registered office:
Second Floor, 2 Walsworth Road,
Hitchin, Hertfordshire, SG4 9SP
Registered in England No. 460 8392

2.3 Other hazards**Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients**3.2 Mixtures****Description:** Mixture consisting of the following components.**Hazardous components:**

CAS: 2634-33-5	1,2-benzisothiazol-3(2H)-one	≥0.1-<0.25%
EINECS: 220-120-9	Eye Dam. 1, H318; Aquatic Acute 1, H400; Acute Tox. 4, H302; Skin Irrit. 2, H315;	
Index number: 613-088-00-6	Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05 %	

Additional information: For the wording of the listed risk phrases refer to section 16.**SECTION 4: First aid measures****4.1 Description of first aid measures****General information:**

Immediately remove any clothing soiled by the product.

After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in the recovery position.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

After eye contact:

Rinse opened eye for several minutes under running water.

After swallowing:

Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting Measures**5.1 Extinguishing media****Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.**5.2 Special hazards arising from the substance or mixture**

No further relevant information available.

5.3 Advice for firefighters**Protective equipment:**

Wear self-contained respiratory protective device.

SECTION 6: Accidental Release Measures**6.1 Personal precautions, protective equipment and emergency procedures**

Not required.

6.2 Environmental precautions

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up

Dispose contaminated material as waste according to item 13..

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and Storage**7.1 Precautions for safe handling:**

Avoid contact with the eyes and skin.

Information about fire - and explosion protection:

No special measures required.

7.2 Conditions for safe storage, including any incompatibilities**Requirements to be met by storerooms and receptacles:**

Store in a cool, dry place in tightly closed receptacles.

Information about storage in one common storage facility:

No special measures required.

7.3 Specific end use(s):

No further relevant information available.

SECTION 8: Exposure Controls/Personal Protection**8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information:

The lists valid during the making were used as basis.

8.2 Exposure controls**Individual protection measures, such as personal protective equipment****General protective and hygienic measures:**

Immediately remove all soiled and contaminated clothing

Respiratory protection:

Not required under normal conditions of use.

Hand protection

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Protection of hands:

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.

Select the glove material based on a consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break through time must be determined by the manufacturer of the protective gloves.

Eye/face protection:

Safety glasses with side-shields (EN 166).

Goggles recommended during refilling

Body protection: Protective work clothing.

SECTION 9: Physical And Chemical Properties**9.1 Information on basic physical and chemical properties****General Information**

Physical state	Fluid
Colour:	Red.
Odour:	Berry odor
Odour threshold:	Not determined.
Melting point/freezing point:	Not determined.
Boiling point or initial boiling point and boiling range	Not determined.
Flammability	Not determined.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	Not determined.
Decomposition temperature:	Not determined.
pH	Not determined.
Viscosity:	
Kinematic viscosity	Not determined.
VOC (EC):	
Dynamic:	Not determined.
Solubility	
Water:	Not determined.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density:	Not determined.

Relative density 1.05
Vapour density Not determined.

9.2 Other information

Appearance:
Form: Liquid.
Ignition temperature: Not determined.
Explosive properties: Product does not present an explosion hazard.
Softening point/range
Oxidising properties Not determined.
Evaporation rate Not determined.
Information with regard to physical hazardclasses
Explosives Not applicable.
Flammable gases Not applicable.
Aerosols Not applicable.
Oxidising gases Not applicable.
Gases under pressure Not applicable.
Flammable liquids Not applicable.
Flammable solids Not applicable.
Self-reactive substances and mixtures Not applicable.
Pyrophoric liquids Not applicable.
Pyrophoric solids Not applicable.
Self-heating substances and mixtures Not applicable.
Substances and mixtures, which emit flammable gases in contact with water Not applicable.
Oxidising liquids Not applicable.
Oxidising solids Not applicable.
Organic peroxides Not applicable.
Corrosive to metals Not applicable.
Desensitised explosives Not applicable.

SECTION 10: Stability and Reactivity**10.1 Reactivity:**

No further relevant information available.

10.2 Chemical stability**Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions:

No dangerous reactions known.

10.4 Conditions to avoid:

No further relevant information available.

10.5 Incompatible materials:

No further relevant information available.

10.6 Hazardous decomposition products:

No further relevant information available.

SECTION 11: Toxicological Information**11.1 Information on toxicological effects**

Acute toxicity		
LD/LC50 values:		
112945-52-5 Silica, amorphous, fumed, cryst.-free		
Oral	LD50	>5,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rabbit)
2634-33-5 1,2-benzisothiazol-3(2H)-one		
Oral	LD50	>2,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rat)
1310-73-2 sodium hydroxide		
Oral	LD50	2,000 mg/kg (Rat)

Respiratory or skin sensitisation: May cause an allergic skin reaction.

11.2 Information on other hazards**11.2.1 Endocrine disrupting properties**

None of the ingredients are listed.

SECTION 12: Ecological information**12.1 Toxicity**

Acute toxicity	
112945-52-5 Silica, amorphous, fumed, cryst.-free	
LC50	>10,000 mg/L (Minnow)
2634-33-5 1,2-benzisothiazol-3(2H)-one	
LC50	7-30 mg/L (Fish)
EC50/72h	0.37 mg/L (Algae)
1310-73-2 sodium hydroxide	
LC50	180 mg/L (Fish)

12.2 Persistence and degradability:

No further relevant information available.

12.3 Bioaccumulative potential:

No further relevant information available.

12.4 Mobility in soil:

No further relevant information available.

12.5 Results of PBT and vPvB assessment**PBT:**

Not applicable.

vPvB:

Not applicable.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects:**Additional environmental information:**

General notes: Not hazardous for water.

SECTION 13: Disposal Considerations**13.1 Waste treatment methods****Recommendation:**

Do not allow product to reach sewage system.

Uncleaned packaging**Recommendation:**

Disposal must be made in accordance with official regulations.

Packaging that may not be cleansed must be disposed of in the same manner as the product.

SECTION 14: Transport Information**14.1 UN Number**

ADR, ADN, IMDG, IATA

Not applicable.

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA

Not applicable.

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class

Not applicable.

14.4 Packing group

ADR, IMDG, IATA

Not applicable.

14.5 Environmental hazards**Marine pollutant:**

No

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to

IMO instruments

Not applicable.

SECTION 15: Regulatory Information.**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Quantities:**

Canada Non-Domestic Substances List (NDSL)

None of the ingredients are listed.

Directive 2012/18/EU**Named dangerous substances – ANNEX I:**

None of the ingredients are listed.

REGULATION (EC) No 1907/2006 ANNEX XVII

Conditions of restriction: 3

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other Information.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H400 Very toxic to aquatic life.

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1