

SAFETY DATA SHEET

Big Blu Sub Zero Micro Leak Detector

Infosafe No.: 5GEUT
ISSUED Date : 28/02/2022
ISSUED by: Australian Chemical Services

1. Identification

GHS Product Identifier

Big Blu Sub Zero Micro Leak Detector

Product Code

RT150S

Company name

SuperCool Asia Pacific Pty Ltd (ABN 71 011 044 385)

Address

14 Motorway Circuit Ormeau
QLD AUSTRALIA

Telephone/Fax Number

Tel: (07) 5549-4000

Fax: (07) 5549-4044

Emergency phone number

1800 628 133 (24/7)

Recommended use of the chemical and restrictions on use

Bubble leak detector solution

2. Hazard Identification

GHS classification of the substance/mixture

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Precautionary statement – General

Keep out of reach of children.

3. Composition/information on ingredients

Ingredients

Name	CAS	Proportion
Ingredients determined not to be hazardous	Not required	to 100%

4. First-aid measures

First Aid Measures

If poisoning occurs contact a doctor or Poisons Information Centre Phone Australia 131126, New Zealand 0800 764 766.

Inhalation

Remove victim from exposure if safe to do so. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume a comfortable position and keep warm. Seek medical advice if symptoms persist.

Ingestion

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

Skin

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness,

blistering or irritation occurs seek medical assistance.

Eye contact

If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

First Aid Facilities

Use should be made of an on-site approved first aid kit if required in the first instance until medical assistance is forthcoming. Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.

Advice to Doctor

Treat symptomatically. Show this SDS to the medical practitioner.

5. Fire-fighting measures

Fire Fighting Measures

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

Suitable Extinguishing Media

Not combustible, however, if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Hazards from Combustion Products

Non-combustible material, however following evaporation of aqueous component residual material can burn if ignited. On burning may emit toxic fumes.

Special Protective Equipment for fire fighters

Fire fighters to wear full body protective clothing with breathing apparatus. Deluge with water to cool containers. Evacuate area move upwind of fire.

6. Accidental release measures

Spills & Disposal

Avoid concentrated spillage from entering drains or watercourse. Remove for disposal in accordance with local waste management. Use suitable containers for disposal.

Clean-up Methods - Small Spillages

Wear protective equipment to prevent skin and eye contamination. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage.

Clean-up Methods - Large Spillages

Prevent further leakage or spillage if safe to do so. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of sewers or waterways has occurred advise local emergency services.

Environmental Precautions

Review local regulations before release to the environment.

7. Handling and storage

Precautions for Safe Handling

Avoid eye contact and repeated or prolonged skin contact.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Check regularly for leaks. Do not eat, drink or smoke in contaminated areas.

Additional information on precautions for use

Always use clean and dry equipment to dispense the product. Dispensers should be cleaned before and after use. All dispensers should be washed out after use.

8. Exposure controls/personal protection

Occupational exposure limit values

No value assigned for this specific material by Safe Work Australia or Department of Labour New Zealand.

However for:

Propylene glycol (vapour & particulates) TWA = 150ppm (474mg/m3). As published by the Safe Work Australia.

Biological Limit Values

As per the 'National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)' the ingredients in this material do not have a Biological Limit Allocated.

Appropriate engineering controls

Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

Personal Protective Equipment

OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.

When handling individual retail packs no personal protection equipment is required. Wear overalls, safety glasses and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene Measures

Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid eye contact and repeated or prolonged skin contact. Ensure that eyewash stations and safety showers are close to the workstation location.

9. Physical and chemical properties

Properties	Description	Properties	Description
Form	Liquid	Appearance	Blue liquid with no odour
Melting Point	Approximately -36(C)	Boiling Point	Approximately 125(C)
Solubility in Water	Miscible with water	Specific Gravity	1.05 @ 20°C
pH	7.0-8.0	Vapour Density (Air=1)	>1
Viscosity	Not available	Flash Point	Not applicable
Flammability	Non flammable		

10. Stability and reactivity**Reactivity**

No known hazardous reactions.

Chemical Stability

This material is stable under normal conditions of storage and use.

Conditions to Avoid

Elevated temperatures and sources of ignition.

Incompatible materials

Oxidising agents

Hazardous Decomposition Products

Oxides of carbon and nitrogen, smoke and other toxic fumes.

Possibility of hazardous reactions

No known hazardous reactions.

11. Toxicological Information**Toxicology Information**

This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg (oral & dermal). No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are shown below.

Acute Toxicity - Inhalation

This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >20 mg/L

Ingestion

Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Inhalation

Material may be an irritant to mucous membranes and respiratory tract.

Skin

Contact with skin may result in irritation.

Eye

May be an eye irritant.

Mutagenicity

This material has been classified as non-hazardous.

Respiratory sensitisation

This material has been classified as not a respiratory sensitiser.

Skin Sensitisation

This material has been classified as not a skin sensitiser.

Carcinogenicity

This material has been classified as non-hazardous.

Reproductive Toxicity

This material has been classified as non-hazardous.

STOT-single exposure

This material has been classified as non-hazardous.

STOT-repeated exposure

This material has been classified as non-hazardous.

Aspiration Hazard

This material has been classified as non-hazardous.

Chronic Effects

No long-term exposure effects are known.

12. Ecological information

Ecotoxicity

This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L.

Persistence and degradability

No data is available on the product itself.

Mobility

No data is available on the product itself.

Bioaccumulative Potential

Risk of bioaccumulation in an aquatic species is low.

13. Disposal considerations

Disposal considerations

Remove for disposal in accordance with local waste management regulations. Dilute well with water before discharge.

14. Transport information

Transport Information

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail or NZS 5433:1999 Transport of Dangerous Goods on Land.

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None Allocated

Other Information

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. Regulatory information

Poisons Schedule

Not Scheduled

Australia (AICS)

All ingredients listed

16. Other Information

References

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Globally Harmonised System of classification and labelling of chemicals.

Raw material supplier SDS.

Other Information

SDS version: 3

Reason for revision: Regular Review

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since SuperCool Asia Pacific Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

END OF SDS

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