

SAFETY DATA SHEET

Item Code: T0440 & T0442

Section 1.	Identification of the material and the supplier
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Item Code:	T0440 & T0442
Product:	Big Blu
Product Use:	Bubble Leak Detector Solution
New Zealand Supplier:	Realcold Ltd
Address:	9 Prescott Street Penrose, Auckland
Telephone:	09 526 5700
Fax Number:	09 526 5721
Emergency Telephone:	09 526 5700 0800 766 764 (National Poison Centre)
Manufacturer:	Refrigeration Technologies, 2572 Fender Ve Bldg "C" Fullerton, USA
Date of MSDS Preparation:	14 March 2017 – ver 2

Section 2.	Hazards Identification
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The manufacturer has stated that this substance is not hazardous according to USA or other internationally recognized standards.

On this basis the product is non-hazardous under the *HSNO (Minimum Degrees of Hazard) Regulations 2001*

Potential Health Effects:

Eyes:	Irritant
Skin:	Possible Irritant
Ingestion:	May cause gastric disorders

Section 3.	Composition / Information on Ingredients
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This product does not contain any reportable hazardous components

Section 4.	First Aid Measures
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Routes of Exposure:

If in Eyes	Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Call a physician immediately.
If on Skin	Wash off with soap and water
If Swallowed	Drink large amounts of water. Call a physician if unwell
If Inhaled	Remove person to fresh air. Get medical advice if breathing becomes difficult.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable
Hazards from decomposition products	None
Suitable Extinguishing media	CO2 or Dry Foam
Precautions for firefighters and special protective clothing	None
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

Soak up with inert, absorbent material. Scoop up and place in a proper waste disposal container. Dispose of in accordance with local regulations.

Section 7. Handling and Storage

Handling Keep out of reach of children

Storage Store in a cool, dry place, out of direct sunlight. Do not freeze or heat above 49°C. Store away from oxidizers: Store away from open flame. Keep container closed.

Section 8 Exposure Controls / Personal Protection

Engineering Controls Local and Mechanical exhaust if available

Personal Protection

Respiratory Protection: Open all doors and windows. If there is an exposure and it is above the TLV or PEL, a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134 is required

Protective Gloves: Plastic or Rubber, Chemical Resistant

Eye Protection: Glasses, Goggles

Work Hygienic Practices: Use common sense and care around chemicals. Never mix chemicals. Consult your supervisor for other practices. All practices depend on your specific business. Directions for use are normally found on label that will dictate engineering and control measures.

Section 9 Physical and Chemical Properties

Appearance Blue
Odour Bland
Flash Point 138°C
PH 7-8

Boiling Point	100°C
Vapour Density	Not Tested
Specific Gravity	1.03
Evaporation Rate	Not tested
Solubility in Water	Complete

Section 10. Stability and Reactivity

Stability of Substance	Stable
Conditions to Avoid	None
Incompatible Materials	None
Hazardous Decomposition Products	CO, CO2

Section 11 Toxicological Information

Possible effects of exposure are: Slight to none. Similar to Mineral Oil (LD50) 50g/kg Rat

EYES:	May mild to severe eye irritation
SKIN:	Slight irritant to skin in sensitive individuals
SKIN ABSORPTION:	None to Slight
INHALATION:	If heated excessive inhalation of vapors can cause nasal, respiratory irritation and difficulty breathing.
INGESTION:	May cause gastrointestinal distress
CHRONIC EFFECTS:	None known to occur.

Section 12. Ecotoxicological Information

This product is composed of biodegradable ingredients. None of the components are known to have aquatic toxicity

Section 13. Disposal Considerations

Always follow Local Regulations before disposal of any chemicals. Consult with an expert in your area on proper disposal of petroleum products. Chemicals should never be allowed to enter sewers, watercourses or low areas without proper authorization. Empty containers should be thoroughly rinsed and offered for recycling.

Section 14 Transport Information

The manufacturer has stated that this product is not classified as a Dangerous Good for transport in NZ ; NZS 5433:2007

Section 15 Regulatory Information

The Manufacturer has stated that this substance is not hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

Section 16 Other Information

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

Disclaimer

This document has been issued by Realcold Limited and serves as their Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to Realcold Limited or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While Realcold Limited have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Realcold Limited accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

The information herein is given in good faith, but no warranty, express or implied is made.

Please contact the New Zealand distributor, Realcold Ltd, if further information is required.

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