

MATERIAL SAFETY DATA SHEET: OSHA STANDARD 29 CFR 1910.1200

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Date: 11-01-05

Product Identifier: **Big Blu**

Manufacturers Part # RT100S, G or D

General Use: Bubble Leak Detector Solution

Chemical Family: Water based mixture

Manufacturer Refrigeration Technologies (www.refrigtech.com)
2572 Fender Ave Bldg "C"
Fullerton, CA 92831
Ph: (800) 869-1407, 714-870-8361
Fax: 714-526-4598
24 HR Emergency Phones: (800) 255-3924 Chem-Tel, Inc.
International: 813.248.0585

HAZARDOUS IDENTIFICATION

Hazardous Components CAS# OSHA PEL ACHIH TLV WEIGHT %

This product does not contain any reportable hazardous components.

HEALTH HAZARD DATA

HMIS: H=0, F=0, R=0, S=0

Immediate Concerns: Eye Irritation. Possible Skin Irritation with sensitive persons.

Eyes: Irritant

Skin: Possible Irritant

Ingestion: May cause gastric disorders.

Inhalation: Not considered a health hazard under normal conditions of use.

Signs and Symptoms of Overexposure:

Eyes: Burning Sensation

Skin: Irritation possible

Ingestion: Irritation to nausea.

Inhalation: Not expected to be a problem.

Emergency and First Aid Procedures:

Eyes: Flush with water for 15 minutes. If irritation persists, call physician

Skin: Wash off with soap and water.

Ingestion: Drink large amounts of water. Call physician

Inhalation: Get person to fresh air. Call physician

FIRE AND EXPLOSION HAZARD DATA

NFPA Hazard Rating: H=0, F=0, R=0, S=0

Flash Point: None Flammable Limits: Not Tested

LEL: Not Tested UEL: Not Tested

Extinguishing Media: CO₂, DRY FOAM

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: Soak up with inert, absorbent material. Scoop up and place in a proper waste disposal container. Dispose of in accordance with federal, state and local regulations.

HANDLING AND STORAGE

Precautions to be taken in handling and storing: Store in a cool, dry place, out of direct sunlight. Do not freeze or heat above 120 F. Keep container closed.

Other precautions: KEEP OUT OF REACH OF CHILDREN

EXPOSURE/CONTROL MEASURES

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

Ventilation: Local Exhaust: If available Special: None

Mechanical: If available Other: None

Protective Gloves: Plastic or Rubber, Chemical Resistant

Eye Protection: Glasses, Goggles

Other Protective Clothing or Equipment: None

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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.

PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point >212F	Specific Gravity: 1.03
Vapor Pressure: Not Tested	pH: 7-8
Vapor Density: Not Tested	Evaporation Rate: Not Tested
Solubility in Water: Complete	Appearance and Odor: Blue, Bland

STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: None
Incompatible Materials to Avoid: None
Hazardous Decomposition or Byproducts: CO, CO2
Hazardous Polymerization: Will not occur

TOXICOLOGICAL INFORMATION

Possible effects of exposure are:
Eyes: May cause 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 and respiratory irritation.
Ingestion: Can cause gastrointestinal distress/irritation
Chronic Effects: None known at this time.

ECOLOGICAL INFORMATION

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

DISPOSAL CONSIDERATIONS

Always follow Federal, State and Local codes before disposal of any chemicals. Consult with an expert in your area on proper disposal methods. 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.

TRANSPORTATION INFORMATION

DOT: Not Regulated
Proper Shipping Name: Not Regulated
IMDG: Not Regulated
Proper Shipping Name: Not Regulated
IATA: Not Regulated
Proper Shipping Name: Not Regulated

REGULATORY INFORMATION

SARA Title III: No reportable ingredients.
CERCLA: Not subject to any special reporting.
TSCA: Components are listed on the TSCA Inventory
EPA RQ Ingredient: None
California Prop 65: No reportable ingredients
VOC Content: 25 grams/liter as a LVPVOC (Glycol)

OTHER INFORMATION

NSF Registration Number 119847, Category P1
Passed the Test for Oxygen Compatibility, Mil Spec L-25567
Passed the Test for Corrosivity to Metals, EPA 1110
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Date Prepared: 11-1-05

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Refrigeration Technologies