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
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 >212°F
- 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

Manufacturer Disclaimer: This information relates to the specific materials designated herein and may not be valid for such materials used in combination with any other material. The information contained in this document is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user’s responsibility to satisfy himself as to the suitability and completeness of this information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information.

Date Prepared: 11-1-05
By: John Pastorello
Refrigeration Technologies