

# Technical Data Sheet



## Big Blu

Part # RT100S, 946ml Spray

Part # RT100G, 3.78L

Part # RT100D, 208L Drum

### Overview:

Big Blu is a well-established bubble leak detector solution capable of detecting micro gas leakage down to just 18.5 grams per year. It is a strong persistent film forming liquid that has excelled in the field identification of gas leaks. Big Blu is used by OEMs and industry professionals worldwide.

### Used Where:

Suitable for use with all gases to detect leaks on any pressurised system. Commonly used in HVACR, automotive, hospitality beverage equipment, plumbing, telecom, aerospace, gas utilities, service industries and MVAC.

### Directions:

1. Coat all surfaces with a flat liquid free of bubbles or foam. Focus on threaded connections, joints and valves. For more information, refer to our leak detection manual at [supercool.com.au/technical-guidelines.html](http://supercool.com.au/technical-guidelines.html)
2. Bubbles will form instantly for most leaks, while micro leaks will develop foam cocoons or tiny bubble clusters over 5-30 minutes.
3. Place equipment back into operation and check for vibration leaks.
4. Wipe surfaces (or rinse if water is available).

### Chemical Description:

A proprietary aqueous viscoelastic liquid that will produce a high output of bubble/foam atop gas leaks. Low surface tension fluid having excellent stability and longevity. Non-hazardous under anticipated conditions of use. Please refer to SDS for more information.

### Properties:

Biodegradable, non-toxic, non-flammable liquid with low residue. Non-reactive and non-corrosive to all metals, plastics or composite materials. Temperature Rating -2 to 93°C. Oxygen safe. Does not contain chlorine, aliphatic amines, or ammonium compounds.

### Certifications:

NSF P1 registration number 119847 for use in food establishments. Kosher Certified by OK Kosher. Conforms to MIL-PRF-25567 Leak Detector Compound, Oxygen Systems. NFPA 52 Section 6.12.2 Leak Testing Compressed Natural Gas Vehicular Fuel System. EPA Part 60, Appendix A, Method 21, Section 4.3.3 Alternative Screening Procedures Using Soap Solutions. EPA 1110 Non-Corrosive.

### Storage and Handling:

Use standard precautionary measures when handling any chemical. Keep container closed and store away from heat or direct sunlight. Use in well ventilated areas. Rinse any affected areas with water. Soak up spills with absorbent material and dispose according to Federal or State laws.

KEEP OUT OF REACH OF CHILDREN.



Have you ever checked the chemical ingredients of the products you are using now?  
Technician Safety is our #1 priority!

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# Technical Data Sheet



## Big Blu Subzero

Part # RT150S, 946ml Spray

Part # RT150G, 3.78L

Part # RT150D, 208L Drum

### Overview:

Big Blu Subzero is an extremely low temperature version of our renowned Big Blu bubble leak detector solution. It is capable of detecting micro gas leakage down to just 22.4 grams per year. It is a strong persistent film forming liquid that has excelled in the field identification of gas leaks under freezing conditions. Big Blu Subzero is used by OEMs and industry professionals worldwide.

### Used Where:

Suitable for use with all gases to detect leaks on any pressurised system. Commonly used in HVACR, automotive, hospitality beverage equipment, plumbing, telecom, aerospace, gas utilities, service industries and MVAC.

### Directions:

1. Coat all surfaces with a flat liquid free of bubbles or foam. Focus on threaded connections, joints and valves. For more information, refer to our leak detection manual at [supercool.com.au/technical-guidelines.html](http://supercool.com.au/technical-guidelines.html)
2. Bubbles will form instantly for most leaks, while micro leaks will develop while foam cocoons or tiny bubble clusters over 5-30 minutes.
3. Place equipment back into operation and check for vibration leaks.
4. Wipe surfaces (or rinse if water is available).

### Chemical Description:

A proprietary aqueous viscoelastic liquid that will produce a high output of bubble/foam atop gas leaks. Low surface tension fluid having excellent stability and longevity. Non-hazardous under anticipated conditions of use. Contains food grade propylene glycol as the antifreeze compound. Please refer to SDS for more information.

### Properties:

Biodegradable, non-toxic, non-flammable liquid with low residue. Non-reactive and non-corrosive to all metals, plastics or composite materials. Temperature Rating -34 to 93°C. Oxygen safe. Does not contain chlorine, aliphatic amines, or ammonium compounds.

### Certifications:

NSF P1 registration number 119848 for use in food establishments. Kosher Certified by OK Kosher. Conforms to MIL-PRF-25567 Leak Detector Compound, Oxygen Systems. NFPA 52 Section 6.12.2 Leak Testing Compressed Natural Gas Vehicular Fuel System. EPA Part 60, Appendix A, Method 21, Section 4.3.3 Alternative Screening Procedures Using Soap Solutions. EPA 1110 Non-Corrosive.

### Storage and Handling:

Use standard precautionary measures when handling any chemical. Keep container closed and store away from heat or direct sunlight. Use in well ventilated areas. Rinse any affected areas with water. Soak up spills with absorbent material and dispose according to Federal or State laws. KEEP OUT OF REACH OF CHILDREN.



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# Technical Data Sheet



## Big Blu Brush On

Part # RT175B, 236ml Telescopic Dauber

### Overview:

Big Blu Brush On is our renowned Big Blu bubble leak detector solution package with a 23cm telescopic dauber. It is capable of detecting micro gas leakage down to just 21 grams per year. It is a strong persistent film forming liquid that has excelled in the field identification of gas leaks under near freezing conditions. Selectively used by OEMs and industry professionals worldwide.

### Used Where:

Suitable for use with all gases to detect leaks on any pressurised system. Commonly used in HVACR, automotive, hospitality beverage equipment, plumbing, telecom, aerospace, gas utilities, service industries and MVAC.

### Directions:

1. Coat all surfaces with a flat liquid free of bubbles or foam. Focus on threaded connections, joints and valves. For more information, refer to our leak detection manual at [supercool.com.au/technical-guidelines.html](http://supercool.com.au/technical-guidelines.html)
2. Bubbles will form instantly for most leaks, while micro leaks will develop while foam cocoons or tiny bubble clusters over 5-30 minutes.
3. Place equipment back into operation and check for vibration leaks.
4. Wipe surfaces (or rinse if water is available).

### Chemical Description:

A proprietary aqueous viscoelastic liquid that will produce a high output of bubble/foam atop gas leaks. Low surface tension fluid having excellent stability and longevity. Non-hazardous under anticipated conditions of use. Contains food grade propylene glycol as the antifreeze compound. Please refer to SDS for more information.

### Properties:

Biodegradable, non-toxic, non-flammable liquid with low residue. Non-reactive and non-corrosive to all metals, plastics or composite materials. Temperature Rating -18 to 95°C. Oxygen safe. Does not contain chlorine, aliphatic amines, or ammonium compounds.

### Certifications:

NSF P1 registration number 119846 for use in food establishments. Kosher Certified by OK Kosher. Conforms to MIL-PRF-25567 Leak Detector Compound, Oxygen Systems. NFPA 52 Section 6.12.2 Leak Testing Compressed Natural Gas Vehicular Fuel System. EPA Part 60, Appendix A, Method 21, Section 4.3.3 Alternative Screening Procedures Using Soap Solutions. EPA 1110 Non-Corrosive.

### Storage and Handling:

Use standard precautionary measures when handling any chemical. Keep container closed and store away from heat or direct sunlight. Use in well ventilated areas. Rinse any affected areas with water. Soak up spills with absorbent material and dispose according to Federal or State laws. KEEP OUT OF REACH OF CHILDREN.



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