



BIRD DOG

LEAK DETECTOR SPRAY

VAPCO PART NO.

Part Number	Size	BIRD DOG LOW TEMP	
DOG-1	1 gal 4/cs	DOGLT-1	1 gal 4/cs
DOG-1/2P	8 oz 12/cs	DOGLT-1Q	32 oz 12/cs
DOG-1Q	32 oz 12/cs		

DESCRIPTION

BIRD DOG leak detector is the most sensitive leak detector in the industry. Its bubbles last up to 20 times longer (longer than one hour) than other leading brands. Bird Dog's formula is perfect for detecting micro sized leaks. It is non-toxic and biodegradable.

BIRD DOG LOW TEMP leak detector is designed for use at temperatures as low as -20°F.

FEATURES AND BENEFITS

- #1 Leak Detector in the Industry
- Most Sensitive Leak Detector on the Market
- Non-Toxic
- Bubbles Last More than 20 Times Longer
- Biodegradable
- Available in Low Temp

SPECIFICATIONS

Form: Clear Blue Liquid | **Odor:** No distinct odor | **Freezing Point:** <32°F (0°C)
Flammability: Not considered a flammable liquid by OSHA | **Vapor Pressure (mm Hg):** 23.8 mmHg @ 77°F (25°C) (Bird Dog); 24 mmHg @ 77°F (25°C) (Low Temp) |
Vapor Density (AIR=1): 1 | **Evaporation Rate:** <0.8 (Slow) | **Specific Gravity (H2O=1):** 1.02 @ 77°F (25°C) (Bird Dog); 0.99 @ 77°F (25°C) (Low Temp) | **pH:** 8 (Bird Dog); 7.5 (Low Temp) | **Solubility in Water:** 100%
Volatility Including Water (%): 99% | **Volatility Organic Compounds (VOC):** 0%

LABEL INFORMATION

BIRD DOG is the ideal solution for pinpointing leaks. Bird Dog is an advanced formula that detects even the smallest of leaks. It suspends dirt so the particles will not drastically reduce the sensitivity of Bird Dog. suitable for all types of refrigerant, nitrogen and natural gas leaks. Bird Dog is oxygen safe, and can locate the smallest of leaks. VOC content is 0%.

BIRD DOG LOW TEMP is ideal for low temperatures. Designed for use at temperatures as low as -20°F.

Directions for use : Spray or swab product to thoroughly coat surfaces to be checked. Visually inspect for bubbles. Micro leaks will produce a cluster of small bubbles. All surfaces previously coated can be rechecked by wetting areas with water. Turn on system for 5-10 minutes, then visually inspect for vibration leaks. Bird Dog Low Temp may be corrosive to galvanized metal if left on and not rinsed.

Dangers: **Read and understand the product's label and Safety Data Sheet.** Do not take internally. Avoid contact with eyes. Causes eye irritation. May cause skin irritation in rare cases. May cause gastrointestinal irritation.

DO NOT use in any manner for which it was not designed. Always wear safety glasses when when applying product.

BIRD DOG

Health	0
Flammability	0
Reactivity	0
Personal	A



First Aid Measures

Inhalation: Unlikely route of exposure. Move to fresh air.

Skin contact: Wash skin with soap and water. First aid is not normally required.

Eye Contact: Remove contact lenses if present. Flush with water for at least 15 minutes. **See Physician if irritation persists.**

Ingestion: Rinse mouth with water. Do NOT induce vomiting unless directed by medical authority. **Immediately call a POISON CENTER or doctor/physician.**

Precautions

Keep out of reach of children.

Do NOT handle or use this product until all safety precautions have been read and understood. Do not take internally. Avoid contact with eyes. Wash hands and arms thoroughly after handling. Wear protective eye wear such as safety glasses when applying.

Storage

Store in a cool/dry area. Do not store at elevated temperatures.

In Case of Fire

Non-combustible. Not considered flammable. Use appropriate media for surrounding fire.

Disposal

Dispose of contents in accordance with local/regional/national regulations. Non-hazardous. Biodegradable.

BIRD DOG LOW TEMP

Health	1
Flammability	1
Reactivity	0
Personal	A



CONTAINS

BIRD DOG CONTAINS (CAS#) : Water (7732-18-5), Sodium Lauryl Sulfate (151-21-3).

BIRD DOG LOW TEMP CONTAINS (CAS#) : Water (7732-18-5), Sodium Lauryl Sulfate (151-21-3), Potassium Acetate (127-08-2), Ammonium Bromide (12127-97-9), Cocoamidopropyl Betaine (61789-40-0)