



April 23, 2019

TECHNICAL DATA REPORT

See SDS for complete safety/technical data



BD CLEANER

COIL CLEANER

VAPCO PART NO.

Part Number	Size
BD-1	1 gal 4/cs
BD-5	5 gallons

DESCRIPTION

BD CLEANER is a biodegradable, nonbutyl, evaporator coil cleaner that meets USDA standards. BD Cleaner dissolves grease, nicotine and dirt without attacking metals. Dilute with 3 to 6 gallons of water, depending on application. VOC content is zero.

FEATURES AND BENEFITS

- 100% Biodegradable
- Penetrates Deep
- Non-Acid
- Dissolves Grease, Lint, Dirt and Nicotine
- Meets USDA Standards

SPECIFICATIONS

Form: Clear, Green Liquid | **Odor:** Mild to No 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) | **Vapor Density (AIR=1):** 1 | **Evaporation Rate:** 0.1 Slow | **Specific Gravity (H2O=1):** 1.05 | **pH:** 13 | **Solubility in Water:** 100% | **Volatility Including Water (%):** 87.5% | **Volatile Organic Compounds (VOC):** 0%

LABEL INFORMATION

BD CLEANER is a professional strength, highly alkaline detergent that is specially formulated to tackle tough tasks. It does an excellent job dissolving grease, oil, dirt, tar, lint, nicotine etc. Use on electronic air filters, evaporator coils, ventilation and exhaust systems, concrete floors, cooling towers, refrigerators, tools, etc, BD Cleaner may be applied full strength without damage to metals. For general purpose, dilute as required and spray, wipe, mop, or dip item to be cleaned.

DIRECTIONS: Refer to Safety Data Sheet before using. Protective gloves and eye protection should be worn when using this product. Turn system off. Dilute 1 part BD Cleaner with 3 to 6 parts water. Spray directly on coil, thoroughly saturating the coil. Allow the solution to remain for 5 minutes, then resume normal operations. **Evaporator Coils:** Apply to the air intake side of the coil. If possible, fan should be operating. No rinsing is required. **Condenser Coils:** Rinse thoroughly after applying. **Electronic Air Filters:** Turn off unit and fan. Be sure to wet all areas of the plate. Rinsing is recommended.

Dangers: Read and understand the product's label and Safety Data Sheet. Do not breathe mists. Wash hands/gloves thoroughly after handling. Wear protective gloves, eye protection, and protective clothing. Provide adequate ventilation.

DO NOT use in any manner for which it was not designed. Always wear chemical resistant gloves, safety glasses and protective clothing when applying product.

Health	2
Flammability	0
Reactivity	0
Personal	A

NFWA	
Health Hazard	2
Fire Hazard	0
Reactivity	0
Special	0



CONTAINS

BD CLEANER CONTAINS (CAS#) : Water (7732-18-5), Sodium Metasilicate (6834-92-0), Sodium Gluconate (527-07-1), Surfactant (68604-73-9)

First Aid Measures

Inhalation: If affected, remove individual to fresh air. If breathing is difficult, administer oxygen (if you have been trained in its use). If breathing has stopped, give artificial respiration. Keep person warm and quiet.

Seek immediate medical attention.

Skin Contact: Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. **Seek medical attention if irritation persists.**

Eye Contact: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. **Seek medical attention if irritation persists.**

Ingestion: Do NOT induce vomiting. **Seek medical attention.**

Precautions

Do NOT handle or use this product until all safety precautions have been read and understood. Provide adequate ventilation to keep vapor concentration below TLV. Wear NIOSH/MSHA approved organic vapor respiratory protection if exposure limits are exceeded. Do not breathe mists. Wash hands thoroughly after handling. Wear protective gloves and eye protection.

Storage

Keep out of reach of children. Store in a cool, dry area. Store away from heat. Keep container tightly sealed when not in use. Incompatible with strong acids.

In Case of Fire

Use appropriate media for surrounding fire. Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires.

Disposal

Dispose of contents in accordance with local/regional/national regulations. May be flushed with large quantities of water down drain. Offer material in original containers to local waste disposal firm. This product is biodegradable.