



MATERIAL SAFETY DATA SHEET

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To Reorder Call:
800-323-2594

1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES
 24 Hour INFOTRAC (US and CANADA): **800-535-5053**

PRODUCT NAME
 UNITED 684 COLD-BAC

USE/DESCRIPTION
 Cold Weather Bacteria for Lagoons, Wastewater
 Collection Systems & Treatment Plants

REVISION DATE
 January 26, 2012

HMIS III HEALTH (0 = Maximum Safety) 0

Always follow Label Directions and Cautions.

* Chronic	2 Moderate
4 Severe	1 Slight
3 Serious	0 Minimal

See Hazards Identification Section of this MSDS for more detailed information.

PHYSICAL HAZARD (0 = Maximum Safety) 0

Susceptible to Release of Energy.

4 May detonate-vacate area if materials are exposed to fire.	2 Violent chemical change possible-use hose stream from distance
3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.	1 Unstable if heated-use precaution.
	0 Normally stable.

FLAMMABILITY (0 = Maximum Safety) 0

Susceptibility of Material to Burning.

4 Extremely flammable	1 Must be preheated to burn.
3 Ignites at normal temperature.	0 Will not burn.
2 Ignites when moderately heated.	

PERSONAL PROTECTION: B



2. COMPOSITION/INFORMATION ON INGREDIENTS

In accordance with Federal Regulation 29 CFR 1910.1200, all materials in this product are considered non-hazardous.

3. HAZARDS IDENTIFICATION

Eyes: May cause slight irritation.

Skin: May cause slight irritation to sensitive skins.

Inhalation: Unlikely – not applicable.

Ingestion: Excessive ingestion may cause nausea or gastrointestinal discomfort.

4. FIRST AID MEASURES

Eyes: Immediately flush with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.

Skin: Wash with soap and plenty of water. Launder clothing. If irritation or redness persists, seek medical attention.

Inhalation: Not applicable.

Ingestion: Thoroughly rinse mouth with water. Drink one or two glasses of water. Slight gastrointestinal discomfort may occur.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): None

Explosive Limits: Lower (LEL): ND Upper (UEL): ND

Flame Projection (Aerosol): NA

Hazardous Products of Combustion: None known

Fire and Explosion Hazards: None known

Extinguishing Media: Water spray; Carbon dioxide; Dry chemical

Fire Fighting Instructions: Wear self-contained breathing apparatus w/full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Uncontaminated spillage can be returned to the container. Absorb unusable product with suitable material and dispose of in accordance with current local or state disposal regulations.

Large Spills: Uncontaminated spillage can be returned to the container. Absorb unusable product with suitable material and dispose of in accordance with current local or state disposal regulations. Rinse direct contact area with water.

7. HANDLING AND STORAGE

Keep this product in a properly labeled, tightly closed container and store in a cool, dry place not exceeding 104°F/40°C. Keep away from direct sunlight and heat. Wash hands after use. Do not handle product directly. Use gloves. Keep away from incompatible products specified in section 10. Care should be taken to ensure product is not introduced to drinking water or foodstuffs

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses recommended

Skin: Chemical resistant gloves recommended

Respiratory: Normally not required; wear respirator to avoid inhaling nuisance dust

Engineering Controls: Mechanical ventilation recommended when handling in enclosed/tight spaces.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: NA

Specific Gravity: NA

Vapor Pressure: NA

Melting Point: NA

Vapor Density: NA

Evaporation Rate: ND

Solubility in Water: Dispersible

pH: 7.4 – 7.6

Appearance and Odor: Tan free-flowing powder with neutral scent

10. STABILITY AND REACTIVITY

Hazardous Polymerization: NA

Hazardous Decomposition: None known

Chemical Stability: Stable

Incompatibility: None known

Conditions to avoid: Excessive heat and contamination of any kind.

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity: None known **Acute Inhalation Toxicity:** None known **Skin Irritation:** None **Eye Irritation:** Slight

Sensitization: None **Chronic Toxicity:** NA **Chronic Toxicity/Carcinogenic Designation:** None known

Carcinogenicity (NTP/IARC/OSHA): None

California Proposition 65: Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? None

12. ECOLOGICAL INFORMATION

This product is believed not to be dangerous to the environment with respect to ecotoxicity effects, acute toxicity, and persistence and degradability. Mobility: not applicable. Bioaccumulative potential is not known to accumulate.

13. DISPOSAL CONSIDERATIONS

This product is biodegradable. Consult your local, state, and federal regulations for proper disposal guidelines. No special method required. Disposal regulations may be different for each state, and/or locality.

RCRA Hazard Class: N/A

14. TRANSPORT INFORMATION

DOT: Not regulated.

OCEAN: Not regulated.

AIR: Not regulated.

15. REGULATORY INFORMATION

VOC (Volatile Organic Compounds): None

TSCA (Toxic Substances Control Act): NA

SARA Title III Section 302 EHS: None

SARA Title III Section 311/312: None

SARA Title III Section 313 Toxic Chemicals: None

16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

UNITED 684 COLD-BAC

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