1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier
Product Name United 987 COLD-BAC BLOCK

Other means of identification
SDS # UNITED-987

Recommended use of the chemical and restrictions on use
Recommended Use Cold Weather Bacteria for Lagoons, Wastewater Collection Systems and Wastewater Treatment Plants with Inter-Core Technology
Uses Advised Against For institutional and industrial use only.

Details of the supplier of the safety data sheet
Supplier Address United Laboratories, Inc.
320 37th Avenue
St. Charles, IL 60174
www.unitedlabsinc.com
www.unitedlabsinc.ca

Emergency Telephone Number
Company Phone Number 800-323-2594 (to reorder)
Emergency Telephone (24 hr) INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

Appearance Dark green
Physical State Solid cake
Odor Neutral

Classification
This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition
The product contains no substances which, at their given concentration, are considered to be hazardous to health.

4. FIRST-AID MEASURES

First Aid Measures
Eye Contact Rinse thoroughly with water. Flush eyes for several minute, lifting up eyelids. Get medical attention if irritation persists.
Skin Contact Wash with soap and water. Wash contaminated clothing separately and clean shoes before reuse. Get medical attention.
Inhalation
Appropriate protective gear should be worn. Remove to fresh air. Get medical attention if irritation persists.

Ingestion
If swallowed, do not induce vomiting. Rinse mouth with water. If swallowed and symptoms occur, get medical attention.

Most important symptoms and effects
No Symptoms
No information available.

Indication of any immediate medical attention and special treatment needed
Notes to Physician
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Carbon dioxide (CO\textsubscript{2}). Dry chemical. Foam. Water fog.

Unsuitable Extinguishing Media
None

Specific Hazards Arising from the Chemical
Vapors/dust may cause flash fire or explosion. Empty containers retain product residue (liquid and/or vapor) and can be dangerous.

Protective equipment and precautions for firefighters
Wear self-contained breathing apparatus for firefighting pressure-demand, and fully protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions
Wear appropriate personal protective equipment. Eliminate all ignition sources.

Environmental Precautions
Uncontaminated spills can be returned to container.

Methods and material for containment and cleaning up

Methods for Containment and for Clean-Up
Uncontaminated spillage can be returned to container. 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.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling
Keep this product in a properly labeled, tightly closed container. If handled, always wash hands thoroughly with soap and water. Use of gloves is recommended.

Conditions for safe storage, including any incompatibilities

Storage Conditions
Store in cool, dry place below 104°F/40°C. Keep away from direct sunlight and heat. Do not contaminate food or feedstuffs. Keep out of reach of children.
Exposure Guidelines
This product as supplied, is not known to contain any materials with established occupational exposure guidelines.

Appropriate engineering controls
Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses with side protection or goggles are recommended.

Skin and Body Protection Rubber gloves are recommended.

Respiratory Protection Not normally required.

General Hygiene Considerations
If handled, wash hands thoroughly. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Solid cake</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Solid</td>
<td>Odor</td>
<td>Neutral</td>
</tr>
<tr>
<td>Color</td>
<td>Dark green</td>
<td>Odor Threshold</td>
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</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>120°F/49°C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>None to boiling</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Upper Flammability Limits</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>Not determined</td>
<td></td>
<td></td>
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<tr>
<td>Vapor Pressure</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not determined</td>
<td></td>
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</tr>
<tr>
<td>Explosive Properties</td>
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<tr>
<td>Oxidizing Properties</td>
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<tr>
<td>VOC Content</td>
<td>0 %</td>
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</table>
10. STABILITY AND REACTIVITY

Reactivity
No information available.

Chemical Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Conditions to Avoid
Avoid excessive heat and contamination of any kind.

Incompatible Materials
Keep away from acids.

Hazardous Decomposition Products
During combustion carbon monoxide may be formed.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information
The toxicity of this product is unknown.

Eye Contact
May cause slight irritation.

Skin Contact
May cause slight irritation.

Inhalation
May be irritating to the respiratory system.

Information on physical, chemical and toxicological effects

Symptoms
This product when used and handled according to specifications does not have any harmful effects according to the experience and the information provided to us.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity
Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

12. ECOLOGICAL INFORMATION

Ecotoxicity
No information available.

Persistence/Degradability
No information available.

Bioaccumulation
No information available.

Other Adverse Effects
Not known to be hazardous to water.
13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes
Dispose of waste in accordance with all applicable regional, national and local laws and regulation.

Contaminated Packaging
Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

DOT
Not regulated.

IATA
Not regulated.

IMDG
Not regulated.

15. REGULATORY INFORMATION

Safety, health, and environmental regulations/legislation specific for the substance or mixture.

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendment and Reauthorization Act.

SARA Section 313
This product does not contain any chemicals which are subject to the reporting requirements of the Act or regulations contained in 40 CFR 372.

SARA 311/312 Hazardous Categorization

<table>
<thead>
<tr>
<th>Hazard Category</th>
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<tbody>
<tr>
<td>Acute Health Hazard</td>
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<tr>
<td>Chronic Health Hazard</td>
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<tr>
<td>Fire Hazard</td>
<td>No</td>
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<tr>
<td>Sudden Release of Pressure Hazard</td>
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</tr>
<tr>
<td>Reactive Hazard</td>
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</table>

TSCA
None of the ingredients are listed.

California Proposition 65
This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.
16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
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<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
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<tbody>
<tr>
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**Issue Date:** 28-Oct-2011  
**Revision Date:** 13-Sep-2018  
**Revision Note:** Revised

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet