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Version 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name United 486 COUNT-BACTERRA

Other means of identification

SDS # UNITED-486

Recommended use of the chemical and restrictions on use

Recommended Use Microbial Blend For Use With Refinery, Chemical, Petrochemical And Food Processing Wastewater

Uses Advised Against For industrial and institutional 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 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

OSHA Regulatory Status

This material is considered non-hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Label elements**Signal word** Not Classified**Hazard statements**

Not Classified.

Physical Hazards

Not Classified.

Hazards not otherwise classified

None known.

Precautionary Statements**Prevention**

Wear eye and face protection. Wash hands and face thoroughly after handling. Avoid breathing dust, fumes, gas, mist, vapors and spray.

Response

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If on skin: Gently wash with plenty of soap and water. If inhaled: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or doctor/physician.

If swallowed: Rinse mouth. Do not induce vomiting.

Storage

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Keep away from sources of ignition.

Disposal

Dispose of unused product and container in accordance with all applicable local and regional requirements.

3. COMPOSITION/INFORMATION ON INGREDIENTS**4. FIRST-AID MEASURES****First Aid Measures**

Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin Contact	Wash off with warm water and soap.
Inhalation	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
Ingestion	Clean mouth with water and afterwards drink plenty of water.

Most important symptoms and effects, both acute and delayed

No information available

Indication of any immediate medical attention and special treatment needed.

Contains Viable Bacterial Cultures classified as Risk Group 1.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media No information available.

Specific Hazards Arising from the Chemical

No information available.

Protective equipment and precautions for firefighters

As in any fire wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Environmental precautions

It is not anticipated to be hazardous for the environment.

Methods and material for containment and cleaning up

After cleaning, flush away traces with water. Avoid dust formation.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Wear personal protective equipment. Wash hands and face thoroughly after handling. Avoid formation of aerosols and dust from drying out of spilled preparation. Avoid splashing and high pressure washing. Ensure good ventilation of the room, when handling this preparation. Store container in a cool place.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place.

Packaging Material

There could be many packaging types for the product. The details are given in other Novozymes documents.

Incompatible Materials

Strong acids or alkali compounds and strong oxidizing agents may inactivate biological cultures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Avoid contact with eyes.

Skin and Body Protection

No special technical protective measures are necessary.

Respiratory Protection

In case of insufficient ventilation, wear suitable respiratory equipment.

General Hygiene

Handle in accordance with good industrial hygiene and safety practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State

Powder

Appearance	Tan, free-flowing grain like material
Odor	Slight with earthy tone

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	6.5-8.5	
Melting Point/Freezing Point	No information available.	
Boiling Point/Boiling Range	No information available.	
Flash Point	No information available.	
Evaporation Rate	No information available.	
Flammability (Solid, Gas)	No information available.	
Upper Flammability Limits	No information available.	
Lower Flammability Limit	No information available.	
Vapor Pressure	No information available.	
Vapor Density	No information available.	
Specific Gravity	No information available.	
Water Solubility	Mixes with water-does not dissolve	
Partition Coefficient	No information available.	
Auto ignition Temperature	No information available.	
Decomposition Temperature	No information available.	
VOC (weight %)	None.	

10. STABILITY AND REACTIVITY

Reactivity
No information available.

Chemical Stability
Stable at normal temperatures and pressures.

Possibility of Hazardous Reactions
None under normal processing.

Conditions to Avoid
Stable under normal conditions. Excessive temperatures variations below 32°F or above 155°F.

Incompatible Materials
Strong acids or alkali compounds and strong oxidizing agents may inactivate biological cultures.

Hazardous Decomposition Products
No information available.

11. TOXICOLOGICAL INFORMATION

Product Information

Information on likely routes of exposure

Eye Contact	May cause temporary eye irritation. Contact with eyes may cause irritation.
Skin Contact	Prolonged or repeated contact may dry skin and cause irritation.
Inhalation	Inhalation of dust in high concentration may cause irritation of respiratory system.
Ingestion	Ingestion may cause stomach discomfort.

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

Sensitization	No information available.
Mutagenic Effects	No information available.
Reproductive Effects	No information available.
STOT-single exposure	No information available.
STOT-repeated exposure	No information available.
Aspiration hazard	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

None known.

Persistence/Degradability

The organic components of the product are biodegradable.

Bioaccumulation

Does not bioaccumulate.

Other adverse effects

No known effect.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Dispose of container/contents in accordance with applicable local, regional, national, and/or international regulations.

Contaminated Packaging

Dispose of container/contents in accordance with applicable local, regional, national, and/or international regulations.

14. TRANSPORT INFORMATION

DOT

No regulated.

IATA

Not determined.

IMDG

Not regulated.

15. REGULATORY INFORMATION

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory-Yes
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List-No

*A Yes indicates that all components of this product comply with the inventory requirements administered by the governing county(s). A No indicates that one or more components of the product are no listed or exempt from listing on the inventory administered by the governing country(s).

Federal Regulations

SARA 311/312 Hazardous

Superfund Amendments and Reauthorization Act of 1986

Acute health hazard	No
Delayed hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive hazard	No

SARA 313 (TRI reporting)

None

CWA(Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the CWA (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

California Proposition 65

This product does not contain any Proposition 65 chemicals.

State Right-to-Know

U.S. EPA Label Information – EPA Pesticide Registration Number – Not applicable.

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Reactivity	Special Hazards
	-	-	-	-
<u>HMIS</u>	Health Hazards	Flammability	Reactivity	Personal Protection
	1	-	0	n&p

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Revision Note	New format

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