



MATERIAL SAFETY DATA SHEET

320 37th Avenue, St. Charles, Illinois 60174 • 214 Dolomite Drive, Downsview, Ontario M3J 2N2
www.unitedlabsinc.com

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 984 LIBERATOR

USE/DESCRIPTION
 Bacterial Treatment

REVISION DATE
 March 18, 2011

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.

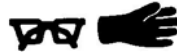
4 May detonate-vacate area if materials are exposed to fire.	2 Violent chemical change possible-use hose stream from distance
3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.	1 Unstable if heated-use precaution.
	0 Normally stable.

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

This product contains a range of naturally occurring microorganisms which are known to be non-pathogenic to humans, livestock and agricultural crops.

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: Flush with plenty of water for at least 15 minutes while keeping the eyelids wide open. If irritation persists, seek medical attention.

Skin: Wash with soap and 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): None Upper (UEL): None

Flame Projection (Aerosol): NA

Hazardous Products of Combustion: None known.

Fire and Explosion Hazards: None known.

Extinguishing Media: Use media suitable for surrounding fire.

Fire Fighting Instructions: Firefighters should wear full protective equipment NIOSH-approved self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Uncontaminated spills can be returned to container. Product is biodegradable. This product is designed for use in sewage systems.

Large Spills: Uncontaminated spills can be returned to container. Product is biodegradable. This product is designed for use in sewage systems.

7. HANDLING AND STORAGE

Keep this product in a properly labeled, tightly closed container and store in a cool, dry place between 104°F/40°C. Keep away from direct sunlight and heat. Wash hands after use. Do not handle product directly. Use gloves. Care should be taken to ensure product is no introduced to drinking water or foodstuffs.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses with side protection or goggles are recommended.

Skin: Rubber gloves recommended.

Respiratory: Normally not required.

Engineering Controls: Normally not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: NA

Specific Gravity: NA

Vapor Pressure: NA

Melting Point: 30F/55C

Vapor Density: NA

Evaporation Rate: ND

Solubility in Water: Slight

pH: NA

Appearance and Odor: Lime green solid cake with neutral scent.

10. STABILITY AND REACTIVITY

Hazardous Polymerization: NA

Hazardous Decomposition: None known.

Chemical Stability: Stable

Incompatibility: Avoid excessive heat.

11. TOXICOLOGICAL INFORMATION

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 mobility, bioaccumulative potential, aquatic toxicity and other data relating to Ecotoxicity. Persistence and degradability - Degradable by Hydrolysis.

13. DISPOSAL CONSIDERATIONS

Consult your local, state, provincial and federal regulations for proper disposal guidelines. Disposal regulations may be different for each state, provincial and/or locality.

14. TRANSPORT INFORMATION

DOT: Available upon request

TDG: Available upon request

UN: Available upon request

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

WHMIS Classification:

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

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 984 LIBERATOR

PREPARED BY: Sandy Kopacz