

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name United 989 SWEET NOTHINGS

Other means of identification

SDS # UNITED-989

Recommended use of the chemical and restrictions on use

Recommended Use Fragrance Free Bacterial Deodorant.

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 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

Appearance Amber liquid

Physical State Liquid

Odor Mild Odor

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Warning



Hazard Statements

May cause eye irritation. May cause an allergic skin reaction. May cause mild skin irritation. May be harmful if swallowed.

Precautionary Statements – Prevention

Wear protective gloves. Wear eye/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray.

Precautionary Statements – 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 swallowed: Call a poison center or doctor/physician if you feel unwell.

Precautionary Statements – Storage

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Precautionary Statements – Disposal

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

Hazards not otherwise classified

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight %
Sodium Xylenesulphonate (SXS)*	1300-72-7	10-15
Ethoxylated alcohols*	68439-50-9	1-5
1,2-Benzisothiazole-3-(2H)-one*	2634-33-5	< 0.5
2-bromo-2-nitro-1,3-propanediol*	52-51-7	< 0.05
5-chloro-2-methyl-4-isothiazoliin-3-one*	26172-55-4	< 0.05
2-Methyl-4-isothiazolin-3-one*	2682-20-4	< 0.05

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.
Skin Contact	Wash off immediately with plenty of water.
Inhalation	Move to fresh air.
Ingestion	Clean mouth with water and afterwards drink plenty of water.

Most important symptoms and effects

Symptoms	No information available.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

May cause allergic respiratory reaction.

Hazardous Combustion Products None known.

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

Personal Precautions	Ensure adequate ventilation.
Environmental Precautions	Spilled preparation should be removed immediately to avoid formation of dust from dried preparation. Take up by mechanical preferably by a vacuum cleaner equipped with a high efficiency filter. Flush remainder carefully with plenty of water. Avoid splashing and high pressure washing (avoid formation of aerosols). Ensure sufficient ventilation. Wash contaminated clothing.

Methods and material for containment and cleaning up

Methods for Containment and clean-up	Pick up and transfer to properly labelled containers.
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7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe 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.
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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

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium Xylenesulphonate (SXS) 1300-72-7	-	-	-
Ethoxylated alcohols 68439-50-9	-	-	-
1,2-Benzisothiazole-3-(2H)-one 2634-33-5	-	-	-
2-bromo-2-nitro-1,3-propanediol 52-51-7	-	-	-
5-chloro-2-methyl-4-isothiazolin-3-one 26172-55-4	-	-	-
2-Methyl-4-isothiazolin-3-one 2682-20-4	-	-	-

IDLH: Immediately Dangerous to Life or Health

Appropriate engineering controls

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Avoid contact with eyes. May cause irritation.
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Skin and Body Protection	No special technical protective measures are necessary.
Respiratory Protection	In case of insufficient ventilation, wear suitable respiratory equipment.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Mild Odor
Appearance	Amber liquid		
Color	Amber		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	6.5 – 7.5		
Melting Point/Freezing Point	No information available		
Boiling Point/Boiling Range	>212°F/100°C		
Flash Point	No information available		
Evaporation Rate	1	(Water=1)	
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	< 1		
Specific Gravity	1.0		
Water Solubility	Appreciable		
Solubility in other solvents	No information available		
Partition Coefficient	No information available		
Auto-ignition Temperature	No information available		
Decomposition Temperature	No information available		
Kinematic Viscosity	No information available		
Dynamic Viscosity	No information available		
Explosive Properties	No information available		
Oxidizing Properties	No information available		
VOC Content	None		

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

Under normal conditions of storage and use, hazardous polymerization will not occur.

Conditions to Avoid

Excessive temperature variation below 32°F or above 155°F. Strong oxidizers. Stable under normal conditions.

Incompatible Materials

Strong acids or alkali compounds may inactivate biological cultures.

Hazardous Decomposition Products

None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact	Contact with eyes may cause irritation.
Skin Contact	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Inhalation	May cause irritation of respiratory tract.
Ingestion	Ingestion may cause stomach discomfort.

Component Information**Information on physical, chemical and toxicological effects**

Symptoms	Please see section 4 of this SDS for symptoms.
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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.
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.
Chronic Toxicity – Target Organs	Eyes, Respiratory system, Skin.
Aspiration hazard	No information available.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

None known.

Persistence/Degradability

The organic components of the product are biodegradable.

Bioaccumulation

Chemical Name	Log Pow
Citric Acid 77-92-9	-1.72
1,2-Benzisothiazole-3-(2H)-one 2634-33-5	13
5-chloro-2-methyl-4-isothiazolin-3-one 26172-55-4	75

Mobility

No information available.

Other Adverse Effects

No known effect.

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods**

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
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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

International Inventories

All ingredients are listed or exempt from listing on Chemical Substance Inventory.

Legend:

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
- ENCs - Japan Existing and New Chemical Substances*
- IECSC - China Inventory of Existing Chemical Substances*
- KECL - Korean Existing and Evaluated Chemical Substances*
- PICCS - Philippines Inventory of Chemicals and Chemical Substances*
- AICS - Australian Inventory of Chemical Substances*

US Federal Regulations

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).

SARA 311/312 Hazardous Categorization

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

CWA (Clean Water Act)

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

US State Regulations

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.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
BHT 128-37-0	X	X	X
Hydrogen peroxide 7722-84-1	X	X	x

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards Not determined	Flammability Not determined	Instability Not determined	Special Hazards Not determined
<u>HMIS</u>	Health Hazards 1	Flammability 0	Physical Hazards 0	Personal Protection B

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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 a 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