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Version 2

1. PRODUCT AND COMPANY IDENTIFICATION**Product identifier****Product Name** United 881 DRAIN SHARK CAGE**Other means of identification****SDS#** UNITED-881**Recommended use of the chemical and restrictions on use****Recommended use** Bacterial Blocks
Uses Advised Against For industrial and institutional use only.**Details of the supplier of the safety data sheet****Company Name**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 INFOTRAC 1-800-535-5053
1-352-323-3500 (International)**2. HAZARDS IDENTIFICATION****Classification****OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Serious eye damage/irritation	Category 1
Skin corrosion/irritation	Category 2

Label elements**Emergency Overview****Danger****Hazard statement**

May cause skin irritation.

**Appearance** Blue small round block**Physical state** Solid**Odor** Ocean breeze

Precautionary Statements

Prevention

Wash hands thoroughly after handling.

Response

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Contact poison control center. If on skin: Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs, get medical advice or attention.

Storage

Store in a dry area.

Disposal

Not applicable.

Hazards not otherwise classified (HNOC)

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical Name	CAS No.	Weight-%	Trade Secret
Sodium dodecylbenzenesulfonate	25155-30-0	=/>10-<20	*
Amides, coco, N-(hydroxyethyl)	68140-00-1	=/>5-<10	*

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

4. FIRST AID MEASURES

First aid measures

Skin Contact

Get medical attention immediately. Call a poison center or physician. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it. Continue to rinse for at least 10 minutes. Wash clothing before reuse.

Eye contact

Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.

Inhalation

Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Ingestion Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms and effects, both acute and delayed

Symptoms May cause eye damage and skin irritation. No known significant effects or critical hazards for inhalation and ingestion.

Over-exposure (signs/symptoms) Eye contact: Adverse symptoms may include: Pain, watering and redness.
 Inhalation: No specific data available.
 Skin contact: Adverse symptoms may include: Pain, irritation or redness.
 Ingestion: Adverse symptoms may include: Stomach pains.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested.

Protection of first-aiders No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Unsuitable extinguishing media None known.

Specific hazards arising from the chemical

Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Hazardous thermal decomposition products

Decomposition products may include the following materials: Carbon dioxide, carbon monoxide, sulfur oxides, halogenated compounds and metal oxide/oxides.

Special protective actions for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Protective equipment and precautions for firefighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus with full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Non-emergency personnel	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
Emergency responders	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in “For non-emergency personnel”.

7. HANDLING AND STORAGE

Precautions for safe handling

Protective measures	Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on Skin or clothing. Do not ingest. Avoid release to the environment. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear
appro-	appropriate respirator. Keep in the original container or an approved alternative made from compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Conditions for general occupational hygiene and safe storage, including any incompatibilities

General Occupational Hygiene	Eating, drinking and smoking should be prohibited in areas where this material is handled stored and processed. Workers should wash hands and face before eating, drinking or smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Keep packaging tightly closed and sealed until ready for use.
Incompatible materials	Strong oxidizers such as bleach may inactivate the bacterial cultures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limits	None.
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Individual protection measures, such as personal protective equipment

Hygiene measures: Wash hands, forearms and face thoroughly after handling compound product, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Body protection	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Solid compound form
Appearance Small round block
Color Blue
Odor Ocean breeze

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Specific Gravity	No information available.	
Viscosity	No Information available	
Melting point/freezing point	No Information available	
Flash point	Closed cup: Not applicable.	
Boiling point / boiling range	No information available.	
Evaporation rate	No Information available	
Flammability (solid, gas)	No information available.	
Flammability Limits in Air	No information available	
Upper flammability limit:	No Information available	
Lower flammability limit:	No Information available	
Vapor pressure	No information available.	
Vapor density	No information available.	
Water solubility	Mixes with water.	
Partition coefficient	No Information available.	
Autoignition temperature	No Information available	
Decomposition temperature	No Information available	

Other Information

Density Lbs/Gal No information available.
VOC Content (%) None.

10. STABILITY AND REACTIVITY

Reactivity

No specific test data related to reactivity available for this product or its ingredients.

Chemical stability

Stable under normal recommended conditions.

Possibility of Hazardous Reactions

None under normal recommended conditions.

Conditions to avoid

No information available.

Incompatible materials

Strong oxidizers such as bleach may inactivate the bacterial cultures.

Hazardous Decomposition Products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Routes of entry not anticipated: Oral, Dermal, and Inhalation.

Product Information-Potential acute health hazards

- Inhalation** No known significant effects or critical hazards.
- Eye contact** May cause eye damage.
- Skin Contact** May cause skin irritation.
- Ingestion** No significant effects or critical hazards.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium dodecylbenzenesulfonate 25155-30-0	438 mg/kg (Rat)	-	310 mg/m ³ (Rat)

Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** Adverse symptoms may include the following: pain, watering, redness.
- Inhalation** No information available.
- Skin contact** Adverse symptoms may include the following: irritation and redness
- Ingestion** Adverse symptoms may include the following: stomach pains

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

- Sensitization** No information available.
- Carcinogenicity** No information available.
- Reproductive toxicity** No information available.
- STOT - single exposure** No information available.
- STOT - repeated exposure** No information available.
- Aspiration hazard** No information available.
- Short/Long term exposure** No information available.
- Mutagenicity** No known significant effects or critical hazards.
- Teratogenicity** No known significant effects or critical hazards.
- Developmental effects** No known significant effects or critical hazards.
- Fertility effects** No known significant effects or critical hazards.

**Numerical measures of toxicity-
Acute toxicity estimates**

Route	ATE value
Oral	2160.9 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity Minimal impact under normal conditions of use and storage.

Persistence and degradability No information available.

Bioaccumulative potential

Chemical Name	LogP _{ow}	BCF	Potential
Sodium dodecylbenzenesulfonate	1.96	-	low

Mobility in the soil
Soil/water partition coefficient (K_{oc}) No information available.

Other adverse effects No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable product via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. TRANSPORT INFORMATION

DOT

Not Regulated

IATA

Not Regulated

IMDG

Not Regulated

**Environmental Class
Marine Pollutant**

No

**Additional information
Reportable Quantity**

5316.3 lbs. / 2413.6 kg. Package sizes shipped in quantities less than the product reportable quantity transportation requirements.

Special precautions for user

Transport within user's premises: always transport in closed boxes that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident.

**Transport in bulk according to
Annex II of MARPOL 73/78 and
The IBC Code**

Not available.

15. REGULATORY INFORMATION

International Inventories

TSCA

Not determined.

US Federal Regulations

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

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

SARA 302/204

No products were found.

CWA (Clean Water Act) 311:

This product does contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42). Sodium dodecylbenzenesulfonate (25155-30-0).

CAA (Clean Air Act) Section 112 (b) Hazardous Air Pollutants (HAPs): Not listed.

CAA Section 602 Class I and II Substances: Not listed.

DEA List I and II Chemicals (Precursor Chemicals): Not listed.

US State Regulations

Chemical Name	New Jersey*-New York	Massachusetts	Pennsylvania
Sodium dodecylbenzene Sulfonate 25155-30-0	X*	-	-
Benzenesulfonic acid 98-11-3	X*	-	X
Dodecyl-sodium salt 151-21-3	X	X	X

California Proposition 65

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

16. OTHER INFORMATION

<u>NFPA</u>	Health hazards 2	Flammability 0	Reactivity 0	Physical and Chemical Properties - Personal protection B
<u>HMIS</u>	Health hazards 2	Flammability 0	Reactivity 0	
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Revision Note	Date update			

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