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).

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/irritation</td>
<td>Category 1</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 2</td>
</tr>
</tbody>
</table>

Label elements

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

<table>
<thead>
<tr>
<th>Substance / Mixture: Mixture</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium dodecylbenzenesulfonate</td>
<td>25155-30-0</td>
<td>=/&gt;10-&lt;20</td>
<td>*</td>
</tr>
<tr>
<td>Amides, coco, N-(hydroxyethyl)</td>
<td>68140-00-1</td>
<td>=/&gt;5-&lt;10</td>
<td>*</td>
</tr>
</tbody>
</table>

*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 suspect 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 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.

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

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Solid compound form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Small round block</td>
</tr>
<tr>
<td>Color</td>
<td>Blue</td>
</tr>
<tr>
<td>Odor</td>
<td>Ocean breeze</td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Route</th>
<th>Adverse symptoms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>Eye contact</td>
<td>May cause eye damage.</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>May cause skin irritation.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>No significant effects or critical hazards.</td>
</tr>
</tbody>
</table>

Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
--------------|-----------|-------------|-----------------|
Sodium dodecylbenzenesulfonate 25155-30-0 | 438 mg/kg (Rat) | - | 310 mg/m³ (Rat) |

Symptoms related to the physical, chemical and toxicological characteristics

<table>
<thead>
<tr>
<th>Route</th>
<th>Adverse symptoms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye contact</td>
<td>Adverse symptoms may include the following: pain, watering, redness.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>No information available.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>Adverse symptoms may include the following: irritation and redness</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Adverse symptoms may include the following: stomach pains</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Sensitization</th>
<th>No information available.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carcinogenicity</td>
<td>No information available.</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>No information available.</td>
</tr>
<tr>
<td>STOT - single exposure</td>
<td>No Information available.</td>
</tr>
<tr>
<td>STOT - repeated exposure</td>
<td>No information available.</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>No Information available.</td>
</tr>
<tr>
<td>Short/Long term exposure</td>
<td>No information available.</td>
</tr>
<tr>
<td>Mutagenicity</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>Teratogenicity</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>Developmental effects</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>Fertility effects</td>
<td>No known significant effects or critical hazards.</td>
</tr>
</tbody>
</table>

Numerical measures of toxicity-
Acute toxicity estimates

<table>
<thead>
<tr>
<th>Route</th>
<th>ATE value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>2160.9 mg/kg</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Ecotoxicity
Minimal impact under normal conditions of use and storage.

Persistence and degradability
No information available.

Bioaccumulative potential

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LogP_{ow}</th>
<th>BCF</th>
<th>Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium dodecylbenzenesulfonate</td>
<td>1.96</td>
<td>-</td>
<td>low</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey*-New York</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium dodecylbenzene Sulfonate 25155-30-0</td>
<td>X*</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Benzenesulfonic acid 98-11-3</td>
<td>X*</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>Dodecyl-sodium salt 151-21-3</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Physical and Chemical Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>B</td>
</tr>
</tbody>
</table>

Issue Date: 11-Apr-2015
Revision Date: 08-Oct-2015
Revision Note: Revision 1 – SDS 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