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Version 3

1. IDENTIFICATION

Product Identifier

Product Name United 280 ZYME-SCREEN

Other means of identification

SDS # UNITED-280

Recommended use of the chemical and restrictions on use

Recommended Use Enzyme Urinal Screen/Bloc Automatic Urinal Maintainer and Deodorizer

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 Pink screen

Physical State Solid

Odor Cherry scent

Classification

Acute toxicity	Category 4
Skin sensitization	Category 1

Signal Word

Warning

Hazard Statements

Harmful if swallowed. May cause an allergic skin reaction.



Precautionary Statements – Prevention

Avoid breathing dust/fume/gas/mist/vapor and spray. Wear protective gloves. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

Precautionary Statements - Response

If swallowed: Call a poison center or physician if you feel unwell. Rinse mouth. If on skin (or hair): Wash with plenty of water. If skin irritation or rash occurs: seek medical attention. Contaminated work clothing must not be allowed out of the workplace.

Precautionary Statements - Storage

Store according to local rules and regulations.

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

WHMIS

D2B – Toxic material causing other toxic effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Wt.%
Sodium dodecylbenzenesulphonate	25155-30-0	10-25
Cocamide MEA	68140-00-1	2.5-<10
Dipentene	138-86-3	0.1-<1%

4. FIRST-AID MEASURES

First Aid Measures

- General Advice** Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- Eye Contact** Rinse opened eye for several minutes under running water.
- Skin Contact** Immediately was with water and soap and rinse thoroughly.
- Inhalation** Supply fresh air and to be sure to contact a physician. In case of unconsciousness place patient stably in side position for transportation.
- Ingestion** If swallowed, rinse mouth with water (only if person is conscious). Call a poison center or physician. Obtain emergency medical attention.

Most important symptoms and effects

- Symptoms** No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use fire extinguishing media suitable to surrounding materials. Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable Extinguishing Media None

Specific Hazards Arising from the Substance or Mixture

No further information available.

Protective equipment and precautions for firefighters

No special measures required.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- Personal Precautions** Avoid contact with skin and eyes. Eliminate all ignition sources if safe to do so. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not breathe dust, fume. Spilled material may present a slipping hazard.
- Environmental Precautions** Do not allow to enter sewers/surface or ground water.

Methods and material for containment and cleaning up

- Methods for Containment** Spilled material may present a slipping hazard.
- Methods for Clean-Up** Pick up mechanically. Dispose contaminated material as waste according to Section 13. Section 7 for information on safe handling and Section 8 for information on personal protection equipment.

7. HANDLING AND STORAGE

Precautions for safe handling

- Advice on Safe Handling** No special measures required if used correctly.

Conditions for safe storage, including any incompatibilities

- Storage Conditions** No special requirements.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with limit values that require monitoring at the workplace

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

Dipentene – CAS#: 138-86-3	WEEL – Long term value: 30 ppm
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Additional information: The lists that were valid during the creation were used as basis.

General protective and hygienic measures

Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

Respiratory Protection

Not required under normal conditions of use.

Protection of Hands

Wear protective gloves. The glove material has to be impermeable and resistant to the product/the substance/the preparation. The selection of the glove material only depends on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application. The exact break through time (penetration) has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye Protection

None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Solid	Odor	Cherry
Appearance	Pink plastic	Odor Threshold	Not determined
Color	Pink		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not applicable	

Melting Point/Freezing Point	Not determined.
Boiling Point/Boiling Range	Not determined.
Flash Point	Not applicable.
Evaporation Rate	Not applicable.
Flammability (Solid, Gas)	Not determined.
Upper Flammability Limits	Not determined.
Lower Flammability Limit	Not determined.
Vapor Pressure	Not applicable.
Vapor Density	Not applicable.
Water Solubility	Soluble
Partition Coefficient	Not determined.
Auto-ignition Temperature	Not determined.
Decomposition Temperature	Not determined.
Kinematic Viscosity	Not applicable.
Dynamic Viscosity	Not applicable.
Explosion limits	Lower: 0.0% and Upper: 0.0% Vol
Oxidizing Properties	Not determined.
VOC Content	0.3% - 0.0g/l – 0.00 lb/gl

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Thermal Decomposition/conditions to be avoided:

No decomposition if used and stored according to specifications.

Possibility of Hazardous Reactions

No dangerous reactions known.

Conditions to Avoid

No further relevant information available.

Incompatible Materials

No further relevant information available.

Hazardous Decomposition Products

No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact No irritant effect.

Skin Contact No Irritant to skin.

Sensitization Sensitization possible through skin contact.

Carcinogenicity IARC, NTP and OSHA do not list this product or its components as a carcinogen.

Additional Toxicological Information The product shows the following dangers according to internally approved calculation methods for preparations: Harmful and Irritant.

12. ECOLOGICAL INFORMATION

Toxicity

Aquatic Toxicity

No further relevant information available.

Persistence and degradability

No further relevant information available.

Bioaccumulative potential

No further relevant information available.

Mobility in soil

No further relevant information available.

General Notes

Water hazard class 2 (Self-assessment): hazardous to water. Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable

Other adverse effects

No further relevant information available.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Recommendation

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

Recommendation

Disposal must be made according to official regulations

Recommended cleansing agent

Water, if necessary together with cleansing agent.

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

UN/ID No	Not regulated.
Proper Shipping Name	Not regulated.
Hazard Class	Not regulated.
Packing Group	Not regulated.

IATA

UN/ID No	Not regulated.
Proper Shipping Name	Not regulated.
Hazard Class	Not regulated.
Packing Group	Not regulated.

IMDG

UN/ID No	Not regulated.
Proper Shipping Name	Not regulated.
Hazard Class	Not regulated.
Packing Group	Not regulated.

15. REGULATORY INFORMATION

SARA

Section 355 (extremely hazardous substances):
None of the ingredients listed
Section 313 (Specific toxic chemical listings):
None of the ingredients listed
TCSA (Toxic Substances Control Act):
All ingredients are listed.

Proposition 65 (California):

Chemicals known to cause cancer:
None of the ingredients listed
Chemicals known to cause reproductive toxicity for males:
None of the ingredients listed
Chemicals known to cause reproductive toxicity for females:
None of the ingredients listed
Chemicals known to cause developmental toxicity:
None of the ingredients listed

Carcinogenic Categories

EPA (Environmental Protection Agency)
None of the ingredients listed
IARC (International Agency for Research on Cancer)
None of the ingredients listed
TLV (Threshold Limit Value established by ACGIH)
None of the ingredients listed
NIOSH-Ca (National Institute for Occupational Safety and Health)
None of the ingredients listed

16. OTHER INFORMATION

HMIS	Health Hazards	Flammability	Instability	Special Hazards
	1	0	0	Not determined
NFPA	1	0	0	Not determined

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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 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