

**D-Lead<sup>®</sup> Moisturizing Shower Gel**

451ES

Revision Date: 11-April-2015

**1. IDENTIFICATION**

Product Name: D-Lead<sup>®</sup> Moisturizing Shower Gel  
 Other means of identification: Product Code: 451ES  
 Recommended Use: Skin cleaner

Company

ESCA Tech, Inc.  
 3747 North Booth Street  
 Milwaukee, WI 53212  
 e-mail: cservice@esca-tech.com

Emergency Telephone Number

Company Phone Number: Phone: (414) 962-5323  
 Fax: (414) 962-7003  
 Emergency Telephone (24 hr): INFOTRAC 1-352-323-3500 (International)  
 1-800-535-5053 (North America)

**2. HAZARD IDENTIFICATION**

**GHS Classification**

Eye Irritation: Category 2B

**GHS Label element**

This cosmetic product is exempt from OSHA's GHS labeling requirements. Ref: 1910.1200 (b) (5) (iii).  
 Signal Word: Warning  
 Hazard Statements: Causes eye irritation.  
 Precautionary Statements: Avoid contact with eyes.  
 For external use only.  
 Other Hazards: None known.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

See Product Label for complete ingredient list.

The ingredients in this skin cleaner have undergone safety assessment by either the Cosmetic Ingredient Review Board or the European Commission for Cosmetic Ingredients.

**4. FIRST AID MEASURES**

**First Aid Measures**

In case of eye contact: Rinse cautiously with water. Remove contact lenses, if present and easy to do. If eye irritation persists: Get medical advice/attention.  
 In case of skin contact: Rinse with water.  
 If inhaled: Get medical attention if symptoms occur.  
 If swallowed: Rinse mouth. Get medical attention, if symptoms occur.  
 Symptoms: May cause mild eye irritation. Ingestion may cause nausea.  
 Notes to physician: Treat symptomatically.

See toxicological information (Section 11).

**5. FIRE FIGHTING MEASURES**

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and surrounding environment.  
 Unsuitable extinguishing media: None known.  
 Specific hazards during firefighting: Not flammable or combustible.

Hazardous combustion products:	Carbon oxides
Protective equipment and precautions for firefighters:	As in any fire, wear self-contained breathing apparatus, MSHA/NIOSH (approved or equivalent) and full protective gear.
Specific extinguishing methods:	Collect contaminated fire extinguishing water separately. Fire residues and contaminated extinguishing water must be disposed of in accordance with local regulations. In the event of fire do not breathe fumes.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Ensure clean-up is conducted by trained personnel only. Refer to protective measures, section 7 and 8.
Environmental precautions:	Avoid contact with soil, surface or groundwater.
Methods and material containment and cleaning up:	Stop and prevent further leakage or spillage if safe to do so. Contain spillage and then absorb with non-combustible, absorbent material. Place in appropriate containers for disposal. Dispose of in accordance with federal, state and local regulations.

## 7. HANDLING AND STORAGE

Advice on safe handling:	Dispense with a plastic or stainless steel dispenser. Avoid dispensers with wetted steel parts. Do not take internally. Avoid contact with eyes.
Conditions for safe storage:	Keep out of reach of children. Keep container tightly closed in a dry, cool and well-ventilated place. Store in suitable labeled containers.
Storage temperature:	Storage between 4 - 38 °C (40 – 100 °F), out of direct sunlight and away from extreme heat.
Incompatible materials:	Do not mix with other chemicals or cleaners. Extended contact with iron or steel will cause soap to separate.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:	No exposure limits noted for ingredient(s).
Engineering Controls:	No special requirements.

### Individual protection measures, such as personal protective equipment

Eye/face protection:	Avoid contact with eyes. No protective equipment is needed under normal use conditions.
Skin and body protection:	No protective equipment is needed under normal use conditions.
Respiratory protection:	No protective equipment is needed under normal use conditions.
Hygiene measures:	No specific measures identified.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid
Color:	Green
Odor:	Summer garden
Odor threshold:	Not determined
pH:	7.5 – 8.5
Melting point/Freezing point:	Not determined
Boiling point/Boiling range:	100 °C/ 212 °F
Flash point:	Not applicable

Evaporation rate:	Not determined		
Flammability (solid, gas):	Not applicable		
Upper Flammability Limits:	Not applicable		
Lower Flammability Limits:	Not applicable		
Vapor pressure:	Not determined		
Vapor density:	>1 (same as water)	(Air = 1)	
Specific gravity:	1.03 – 1.05	(Water = 1)	
Water solubility:	Completely soluble		
Solubility in other solvents:	Not determined		
Partition coefficient:	Not determined		
Auto-ignition temperature:	Not determined	Decomposition temperature:	Not determined
Density:	Not determined	Viscosity:	11,500 – 17,000

**10. STABILITY AND REACTIVITY**

Reactivity:	Not reactive under normal conditions.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	None under normal processing.
Hazardous polymerization:	None under normal processing.
Conditions to avoid:	Extended contact with iron or steel will cause soap to separate.
Incompatible materials:	Do not mix with other chemicals or cleaners.
Hazardous decomposition products:	Thermal decomposition may produce carbon oxides.

**11. TOXICOLOGICAL INFORMATION****Potential Health Effects**

Eyes:	Causes eye irritation.
Skin:	Health injuries are not expected under normal use.
Ingestion:	Health injuries are not expected under normal use.
Inhalation:	Health injuries are not expected under normal use.

**Product****Experience with human exposure**

Eye contact:	Redness, irritation
Skin contact:	May cause skin irritation.
Ingestion:	May cause nausea.
Inhalation:	No symptoms are expected.

**Toxicity**

Acute oral toxicity:	Numeric measures of toxicity: Not determined.
Acute dermal toxicity:	Not determined.
Acute inhalation toxicity:	Not determined.
Sensitization:	May cause allergic skin reaction in some individuals
Carcinogenicity:	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Ingredients Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Chloride 7647-14-5	= 3,000 mg/kg (Rat)	>10,000 mg/kg (Rabbit)	> 42,000 mg/m <sup>3</sup> (Rat) 1 h
Cocamidopropyl betaine 61789-40-0	= 4,900 mg/kg (Rat)	-	-
Pentasodium Aminotrimethylene Phosphanate 2235-43-0	= 17,800 mg/kg (Rat)	> 17,800 mg/kg (Rabbit)	-
DMDM Hydantoin 6440-58-0	= 2,000 mg/kg (Rat)	-	-

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Environmental effects: Harmful to aquatic life.

**Product**

Toxicity to fish: No data available.

Toxicity to daphnia and other aquatic invertebrates: No data available.

Toxicity to algae: No data available.

**Ingredients**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium Chloride 7647-14-5		5,560 – 6,080: 96 h <i>Lepomis macrochirus</i> mg/L LC50 flow-through 12,946: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 6,020 -7,070; 96 h <i>Pimephales promelas</i> mg/L LC50 static 7,050: 96h <i>Pimephales promelas</i> mg/L LC50 semi-static 6,420 – 6,700: 96 h <i>Pimephales promelas</i> mg/L LC50 static 4,747 – 7,824: 96h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through		1,000: 48 h <i>Daphnia magna</i> mg/L EC50 340.7 – 469.2: 48 h <i>Daphnia magna</i> mg/L EC50 static
Cocamidopropyl betaine 61789-40-0	1.0– 10.0: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 0.55: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50	1.0– 10.0: 96 h <i>Brachydanio rerio</i> mg/L LC50 2: 96 h <i>Brachydanio rerio</i> mg/L LC50 semi-static		6.5: 48 h <i>Daphnia magna</i> mg/L EC50

Persistence/Degradability: Not determined.

Bioaccumulative potential: Not determined.

Mobility in soil: Not determined.

Other Adverse Effects: Not determined.

**13. DISPOSAL CONSIDERATION**

**Waste Treatment Methods**

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

**Packaging:** Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

<b>Note</b>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<b>D.O.T.:</b>	Not regulated.
<b>IATA.:</b>	Not regulated.
<b>IMDG:</b>	Not regulated.

## 15. REGULATORY INFORMATION

**US Federal Regulations**

RCRA (Lists of Hazardous Wastes, 40 CFR 261 Subpart D):	NA
CLEAN AIR ACT (SEC. 112. Hazardous Air Pollutants):	NA
CLEAN WATER ACT (RQ, 40 CFR):	NA
SARA Title III:	
Section 302 -304, 40 CFR 355:	Components present in this product at a level which could require reporting are: none.
Section 311 - 312:	Components present in this product at a level which could require reporting are: none.
Section 313:	NA
TSCA Section 8(b) Inventory Status:	All ingredients are listed on TSCA Inventory of Chemical Substances or exempt from TSCA Inventory requirements.
Canada DSL:	All ingredients are listed on the Canada Domestic Substances List.
AICS Inventory Status:	All ingredients are listed on the Australia Inventory of Chemical Substances.
76/768EEC Cosmetics Directive:	All ingredients are listed.
REACH:	Exempt cosmetic skin cleaner.

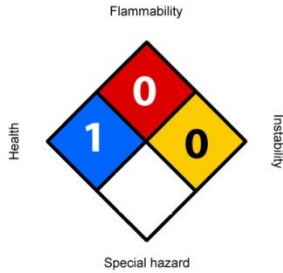
This product is not subject to the reporting requirements under California's Proposition 65.

**Legend**

**AICS** – Australian Inventory of Chemical Substances  
**D.O.T.** – Department of Transportation (US)  
**DSL/NDSL** – Canadian Domestic Substances List/Non-Domestic Substances List  
**EU** – European Union  
**FDA** – Food and Drug Administration (US)  
**IARC** – International Agency for Research on Cancer  
**IATA** – International Air Transport Association  
**IMDG** – International Maritime Dangerous Goods  
**NTP** – National Toxicology Program (US)  
**OSHA** – Occupational Safety and Health Administration (US)  
**REACH** – Registration, Evaluation, Authorisation and Restriction of Chemicals (EU)  
**SARA** – Superfund Amendments and Reauthorization Act (US)  
**TSCA** – United States Toxic Substances Control Act Section 8(b) Inventory

## 16. OTHER INFORMATION

### NFPA:



### HMIS III



0 = not significant  
1 = slight  
2 = moderate

3 = high  
4 = extreme  
\* = chronic

### Revisions:

Issue Date: 24-Jan-1991  
Revision Date: 11-Apr-2015  
Revision number: R7  
Revision note: New 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 is given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and it 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 any process, unless specified in the text.