



**Expect Service**

**Radiation Products Design Inc**

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## SAFETY DATA SHEET

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### RPD INFORMATION

<b>Address</b>	5218 Barthel Industrial Drive Albertville, MN 55301
<b>Website</b>	<a href="http://www.rpdinc.com">www.rpdinc.com</a>
<b>Email</b>	<a href="mailto:sales@rpdinc.com">sales@rpdinc.com</a>
<b>Phone</b>	763-497-2071 or 800-497-2071
<b>Fax</b>	763-497-2295

### RAW MATERIAL INFORMATION

**D-Lead® Hand Soap**

# Material Safety Data Sheet

Page 1 of 3

Issued: January 24, 1991; Revisions: Rev 1: 09/23/96; Rev 2: 06/09/97; Rev 3: 01/28/98; Rev 4: 01/25/00; Rev 5: 03/25/01  
Rev.: 6: 01/28/02; Rev 7: 01/30/03; Rev 8: 08/25/06; Rev 9: 05/23/08; Rev 10: 04/27/11

**D-Lead® Hand Soap**

## Section 1. Chemical Product and Company Identification

**Product Name:** D-Lead® Hand Soap

**Manufacturer:** ESCA Tech, Inc.  
3747 North Booth Street  
Milwaukee, WI 53212  
Phone: (414) 962-5323  
Fax: (414) 962-7003

**Transportation Emergency Phone:**  
1-800-535-5053  
InfoTrac  
(24 hours, during transportation only)

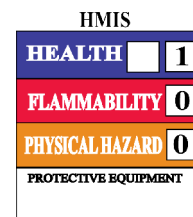


email: [cservice@esca-tech.com](mailto:cservice@esca-tech.com)

**Product Code #:** 4222ES

**CAS No.:** Not applicable – product is a mixture

**Generic Description:** Skin Cleaner



## Section 2: Composition/Information on Ingredients

Hazardous Ingredient CAS Number	Max % w/ w	OSHA PEL (TWA) (ppm)	ACGIH TLV (TWA) (ppm)
Sodium dodecylbenzene sulfonate (CAS#: 25155-30-0)	2	NE	NE

## Section 3: Hazards Identification

### Potential Health Effect

**EYE CONTACT:** As with any soap, avoid contact with eyes. May cause eye irritation.  
**SKIN CONTACT:** Use on irritated or extremely dry skin may aggravate the existing condition.  
**INGESTION:** Not normal route of entry. May cause upset stomach, nausea.  
**INHALATION:** Does not generate vapors at normal temperatures.

## Section 4: First Aid Measures

**EYE CONTACT:** Remove contact lenses. Flush with water for 15 minutes. If irritation persists, get medical attention.  
**SKIN CONTACT:** If skin irritation occurs discontinue use, apply skin lotion.  
**INGESTION:** Do not induce vomiting. Drink 1-2 glasses of water and get medical attention.  
**INHALATION:** Remove person to fresh air.

## Section 5: Fire Fighting Measures

**Flash Point:** NA  
**LEL:** NA  
**UEL:** NA  
**Extinguishing Media:** Material will not burn.  
**Unusual Fire and Explosion Hazards:** Material will not support combustion.  
**Special Fire Fighting Procedure:** NA

**ESCA Tech, Inc. 3747 N. Booth Street Milwaukee, WI 53212 U.S.A.**  
**Phone (414) 962-5323 Fax (414) 962-7003**

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Page 2 of 3

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## Section 6: Accidental Release Measures

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Small spills can be mopped up, and floor rinsed with water. For large spills, stop leak at source, contain spill and absorb onto inert medium for disposal. Place absorbent into labeled, closed container, store in safe location until shipped for proper disposal. Dispose in accordance with all applicable local, state and federal waste regulations.

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## Section 7: Handling and Storage

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**Handling:** Keep out of reach of small children. Avoid eye contact. Avoid tasting or ingesting this product.

**Storage:** Store at temperatures between 40 °F and 100 °F (4 °C – 38 °C), out of direct sunlight. Heat buildup may cause product to cloud and separate irreversibly. Keep container tightly closed when not in use.

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## Section 8: Exposure Controls/Personal Protection

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General Controls	Avoid eye contact.
Respiratory Protection:	Not required under normal use condition.
Ventilation:	Not required under normal use condition.
Protective Clothing:	None required under normal use condition.
Protective Gloves:	None required under normal use condition.
Eye Protection:	Not required under normal use condition.
Other Protective Clothing or Equipment:	Eye wash station.
Work/Hygienic Practices:	Follow good housekeeping practices.

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## Section 9: Physical and Chemical Properties

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Boiling Point:	210 °F (~100 °C)
Vapor Pressure:	NE
Vapor Density (Air = 1):	>1, same as water.
Specific Gravity (H <sub>2</sub> O = 1):	1.023 (8.53 lb/gal)
Evaporation Rate (Butyl Acetate = 1):	NE
Solubility in Water:	Complete.
Appearance and Odor:	Clear, red liquid with almond odor.
pH:	Max: 9.5

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## Section 10: Stability and Reactivity

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Stability:	Stable.
Conditions to Avoid:	None known.
Incompatibility (materials to avoid):	Should not be mixed with other chemicals. Extended contact with iron or steel will cause soap to separate.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition	Thermal decomposition may produce carbon monoxide and/or dioxide.

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## Section 11: Toxicological Information

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This product has not been tested as a whole.

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## Section 12: Ecological Information

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This product has not been tested as a whole.

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## Section 13: Disposal Consideration

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After use, solution may contain suspended and dissolved heavy metals along with fats, oils and greases. Discharge wastewater in accordance with all applicable local, state and federal regulations and in accordance with all water discharge permits.

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Page 3 of 3

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## Section 14: Transport Information

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Proper Shipping Name (49 CFR 172.101):	Compound, Cleaning Liquid, N.O.S.
D.O.T. Hazard Name (49 CFR 172.101):	NA
D.O.T. ID No.:	NA
D.O.T. Hazard Class:	NA

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## Section 15: Regulatory Information

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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
CERCLA: Section 102 (RQ, 40 CFR):	Sodium dodecylbenzene sulfonate: 1,000 lb (454 kg)
SARA Title III:	Components present in this product at a level which could require reporting are: none.
Section 302 -304, 40 CFR 355	
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.
Workplace Hazardous Materials Information System (WHMIS):	Sodium dodecylbenzene sulfonate: D2B

### State Lists

Sodium dodecylbenzene sulfonate – FL, MA, NJ, PA

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

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## Section 16: Other Information

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NA – Not Applicable  
NE – Not Established  
RQ - Reportable Quantity

ESCA Tech, Inc Disclaimer "The information and recommendations presented herein are based on sources believed to be reliable as of the date hereof. ESCA Tech makes no representation as to the completeness or accuracy thereof. It is the user's responsibility to determine the product's suitability for its intended use, the product's safe use, and the product's proper disposal. No representations or warranties not expressly set forth herein are made hereunder, whether express or implied by operation of law or otherwise, including, but not limited to any implied warranties of MERCHANTABILITY OR FITNESS. ESCA Tech neither assumes nor authorizes any other person to assume for it, any other or ADDITIONAL LIABILITY OR RESPONSIBILITY resulting from the use of, or reliance upon, this information."

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