

Material Safety Data Sheet

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Rev 6: 08/30/06

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Product Name: D-Lead[®] Abrasive Hand Soap

Product Code #: 4229ES
Product Information: (414) 962-5323
Manufacturer: ESCA Tech, Inc.
3747 North Booth Street
Milwaukee, WI 53212
Fax: (414) 962-7003 email: eti@execpc.com

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

Section 1: Material Identification

Proper Shipping Name:	(49 CFR 172.101) Cleaning Compound, N.O.S.	
DOT. Hazard Name:	(49 CFR 172.101) None	
DOT ID No.:	Same as above	
D.O.T. Hazard Class:	Same as above	
RCRA Hazard Class:	(40 CFR 261) (As Received): None	
E. P.A. Priority Pollutants:	(40 CFR 401.15): None	
NFPA:	None	
CAS No.:	Mixture	
Generic Description.	Skin Cleanser	
Health (NFPA): 0	Flammability (NFPA): 0	Reactivity (NFPA): 0
OSHA Subpart Z: No	OSHA 1910.119: No	Reportable Quantity: None
SARA Title III, Sec.313: No	State Lists: None	Proposition 65: No
Reproductive Hazard: No	Carcinogen: No	WHMIS (Canada): No
Extremely Hazardous Substances List:	No (TPQ)	

Section 2: Ingredients and Hazards

Hazardous Ingredients as Identified by OSHA 1910.1200: None Present OSHA PEL: None ACGIH TLV: None Other
Recommended Limits: None Contains: Anionic surfactants, detergents, silica (non-respirable) and clay Does not contain EDTA,
chelates, stearates, phosphates, solvents, free alkalis, contain citrates, tartrates, or acetates All ingredients are listed on EPA TSCA
Inventory of Chemical Substances.

Section 3: Physical Data

Boiling Point:	210° F, ~ 100° C
Vapor Pressure:	17mm Hg.
Vapor Density (Air = 1):	>1, same as water
Melting Point:	30° F, -1° C
Specific Gravity (H ₂ O = 1):	1.26 (10.50 lb./gal.)
Evaporation Rate (Butyl Acetate = 1):	Slow
Solubility in Water:	50% soluble, balance dispersible
Appearance and Odor:	Thick, orange liquid with abrasive, pleasant orange fragrance
pH:	9.0 - 9.2

Section 4: Fire and Explosion Hazard Data

Flash Point (method used): NA Flammable Limits: Material will not burn LEL: NA UEL: NA Extinguishing Media:
Material is not flammable Special Fire Procedures: None required. Unusual Hazards: None

Section 5: Reactivity Data

Stable/Unstable: Stable Conditions to Avoid: None Known Hazardous Decomposition/Byproducts: Thermal decomposition may produce carbon monoxide Hazardous Polymerization: Will not occur Incompatibility: Should not be mixed with other chemicals. Extended contact with iron or steel will cause soap to spoil.

Section 6: Health Hazard Data

Routes of entry: Ingestion possible. No inhalation or skin hazard. Eye contact possible if splashed.
Acute/Chronic Health Effects: None - under normal usage.
Carcinogenicity: None known. NTP? No IARC Monographs? No OSHA Regulated? No
Signs/Symptoms of Exposure: SKIN: Excessive skin exposure: None when used in accordance with label directions. If skin irritation occurs discontinue use, apply skin lotion. EYES: May cause temporary discomfort, as will any soap. If rubbed in eyes, abrasive particles may scratch cornea. INHALATION: No problem. ORA: Treat as a detergent.
Emergency and First Aid: SKIN: Rinse with water. If exposed for lengthy periods, use hand cream. EYES: Flush thoroughly with water for 15 minutes, lifting lids. Avoid rubbing eyes. Seek medical attention. INHALATION: No problem. ORAL: Treat as a detergent. Seek medical attention.
Medical Condition Generally Aggravated by Exposure: None known.

Section 7: Spill, Leak, and Disposal Procedures

Steps to be Taken in Case Material is Released or Spilled: Stop leak at source. Absorb onto inert medium and collect in an approved container. Rinse area with water to avoid possible slippery floor hazard Waste Disposal Method: According to all local, state and federal regulations.

Section 8: Special Protection Information

Respiratory Protection: None required Ventilation: Not needed Protective gloves: Not needed Eye Protection: Only if splash is expected Other Protective Clothing or Equipment: Not needed. If clothing is wet from soap, remove and wash Work/Hygienic Practices: Routine

Section 9: Special Precautions and Comments

Storage Requirements: Store above 32° F. Keep from freezing. Product should thaw without adverse effects. Keep out of extreme heat. Generally stored at temperatures between 40° and 90° F, out of direct sunlight. If settling occurs, mixing will redispense abrasive.
Comments: After use, soap solution will contain dissolved and suspended heavy metals. Discharge waste water in accordance with all applicable state, local and federal regulations and in accordance with all water discharge permits. Dispense from plastic soap dispensers without wetted metal parts. Product has a shelf life of 9-12 months. Keep containers tightly closed when not in use. Keep out of reach of children.

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