

D-Lead® Abrasive Hand Soap

4229ES

Revision Date: 26-Oct-2015

**1. IDENTIFICATION**

Product Name	D-Lead® Abrasive Hand Soap	
Other means of identification	Product Code: 4229ES	
Recommended Use	Skin cleaner	
<u>Company</u>	<u>Emergency Telephone Number</u>	
ESCA Tech, Inc. 3747 North Booth Street Milwaukee, WI 53212 e-mail: cservice@esca-tech.com	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**

<u>GHS Classification</u>	Causes eye irritation	Category 2B
<u>GHS Label element</u>	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. May cause skin irritation.	
Precautionary Statements:	<b>Prevention</b> External use only. Avoid contact with eyes. <b>Response</b> IF IN EYES: Do not rub in eyes. Rinse cautiously with water, also under eyelids, for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. IF ON SKIN: Remove contaminated clothing. Rinse skin with water. IF INHALED: Remove person to fresh air. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical attention.	
Other Hazards:	None known.	

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

See Product Label for complete ingredient list.

**4. FIRST AID MEASURES**

First Aid Measures

In case of eye contact:	Do not rub in eyes. Rinse cautiously with water, also under eyelids, for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
In case of skin contact:	Rinse with water.
If inhaled:	Does not generate vapors at room temperature. Remove person to fresh air.
If swallowed:	Rinse mouth. Do not induce vomiting. Drink 2 – 3 large glasses of water. If symptoms occur: Get medical attention.

Symptoms: Direct contact with eyes causes eye irritation. Ingestion may cause irritation to stomach and 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 metal parts, except stainless steel. Heat buildup may cause product to cloud and separate irreversibly. Avoid contact with eyes. Do NOT take internally.

Conditions for safe storage: Keep out of reach of children except under adult supervision. Keep container tightly closed in a cool, dry and well-ventilated place. Store in suitable labeled containers.

Storage temperature: Storage between 40 – 100 °F (4 - 38 °C), 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: Not needed under normal use conditions.

Respiratory protection: Not needed under normal use conditions.

Hygiene measures: Rinse thoroughly after use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Viscous liquid
Color:	Orange
Odor:	Orange
Odor threshold:	Not determined
pH:	8.0 – 9.0
Melting point/Freezing point:	Not determined
Boiling point/Boiling range:	100 °C/212 °F
Flash point:	Not applicable
Evaporation rate:	Not established
Flammability (solid, gas)::	Not applicable
Upper Flammability Limits:	Not applicable
Lower Flammability Limits:	Not applicable
Vapor pressure:	Not established
Vapor density:	>1 (same as water) (Air = 1)
Specific gravity:	1.01 – 1.10 (Water = 1)
Water solubility:	80% soluble (Remainder is dispersible)
Solubility in other solvents:	Not determined
Partition coefficient:	Not determined
Auto-ignition temperature:	Not determined
Density:	8.42 – 9.18
Decomposition temperature:	Not determined
Viscosity:	8,000 – 10,000 cP

**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:	Hazardous polymerization does not occur
Incompatible materials:	Do not mix with other chemicals or cleaners. Extended contact with iron or steel will cause soap to separate.
Hazardous decomposition products:	Not determined.

**11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure:

**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: Slight irritation may occur.  
 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 skin irritation.  
 Carcinogenicity: Respirable silica (quartz) is a carcinogen. This product contains 0% respirable silica (quartz).

**Ingredients Information**

Chemical Name	ACGIH	IARC	NTP	OSHA
Silica, Quartz 14808-60-7 (respirable)	A2	Group 1	Known	X

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Silica, Quartz 14808-60-7	500 mg/kg (Rat)	-	-
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
Pentasodium Aminotrimethylene Phosphonate 2235-43-0	= 17,800 mg/kg (Rat)	> 15,800 mg/kg (Rabbit)	-
Propylene Glycol 57-55-6	= 20,000 mg/kg (Rat)	=20,800 mg/kg (Rabbit)	-
Cocamidopropyl betaine 61789-40-0	= 4,900 mg/kg (Rat)	-	--
DMDM Hydantoin 6440-58-0	= 2,000 mg/kg (Rat)	-	-
Methyl Paraben 99-76-3	=2,100 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 Lepomis macrochirus mg/L LC50 flow-through 12,946: 96 h Lepomis macrochirus mg/L LC50 static 6,020 -7,070; 96 h Pimephales promelas mg/L LC50 static 7,050: 96h Pimephales promelas mg/L LC50 semi-static 6,420 – 6,700: 96 h Pimephales promelas mg/L LC50 static 4,747 – 7,824: 96h Oncorhynchus mykiss mg/L LC50 flow-through		1,000: 48 h Daphnia magna mg/L EC50 340.7 – 469.2: 48 h Daphnia magna mg/L EC50 static
Propylene Glycol 57-55-6	19,000: 96 h Pseudokirchneriella subcapitata mg/L EC50	51,600: 96h Oncorhynchus mykiss mg/L LC50 static 41 – 47: 96 h Oncorhynchus mykiss mL/L LC50 static 51,400: 96 h Pimephales promelas mg/L LC50 static 710: 96 h Pimephales promelas mg/L LC50		10,000: 24 h Daphnia magna mg/L EC50 1,000: 48 h Daphnia magna mg/L EC50 static
Cocamidopropyl betaine 61789-40-0	1.0– 10.0: 72 h Desmodesmus subspicatus mg/L EC50 0.55: 96 h Desmodesmus subspicatus mg/L EC50	1.0– 10.0: 96 h Brachydanio rerio mg/L LC50 2: 96 h Brachydanio rerio mg/L LC50 semi-static		6.5: 48 h Daphnia magna 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**

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

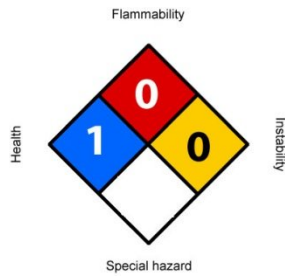
This product does not contain any Proposition 65 chemicals.

**Legend**

**AICS** – Australian Inventory of Chemical Substances  
**ACGIH** - American Conference of Governmental Industrial Hygienists  
**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  
**NIOSH** - National Institute for Occupational Safety and Health  
**NTP** – National Toxicology Program (US)  
**OSHA** - Occupational Safety and Health Administration (US)  
**REACH** - Registration, Evaluation, Authorisation and Restriction of Chemicals (EU)  
**RCRA** - Resource Conservation and Recovery Act  
**SARA** - Superfund Amendments and Reauthorization Act (US)  
**TSCA** – United States Toxic Substances Control Act Section 8(b) Inventory

## 16. OTHER INFORMATION

### NFPA:



0 = not significant  
1 = slight  
2 = moderate

### HMIS III

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>
<b>PROTECTIVE EQUIPMENT</b>	

3 = high  
4 = extreme  
\* = chronic

### Revisions:

Issue Date: 01-Jan-1994  
Revision Date: 26-October-2015  
Revision number: R11  
Revision note: New format.

### Disclaimer "

The information provided in this Safety Date 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.