



# Safety Data Sheet

## 1. IDENTIFICATION

**Product identifier**

**Product Name** DeTERIC LP

**Other means of identification**

**SDS #** DFE-003

**Product Code** 0715

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Detergency, emulsification, wetting & foaming. Brine stable.

**Details of the supplier of the safety data sheet**

**Manufacturer Address**

Verdant Specialty Solutions US LLC  
1502 Fort Worth St.  
Liberty, TX 77575

**Emergency telephone number**

**Company Phone Number** +1-936-336-5778

**Emergency Telephone**

+1 703-741-5970 [Chemtrec]  
+1 (800) 424-9300 CHEMTREC ® (USA & Canada)

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear, yellow liquid

**Physical state** Liquid @ 25°C/77°F

**Odor** Mild

**Classification**

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1

**Signal Word**

**Danger**

**Hazard statements**

Causes skin irritation  
Causes serious eye damage



**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Immediately call a poison center or doctor/physician  
 IF ON SKIN: Wash with plenty of water and soap  
 If skin irritation occurs: Get medical advice/attention  
 Take off contaminated clothing and wash before reuse

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Family** Amphoteric surfactants.

Chemical name	CAS No	Weight-%
Water	7732-18-5	69-71
Sodium Lauriminodipropionate	14960-06-6	29-31

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 4. FIRST AID MEASURES

#### Description of first aid measures

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If irritation develops or persists seek medical attention.
<b>Skin Contact</b>	Wash skin thoroughly with mild soap and water. Remove and wash contaminated clothing before reuse. If irritation persists, seek medical attention.
<b>Inhalation</b>	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water. Immediately call a poison center or doctor/physician.

#### Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	Causes serious eye damage. Eyes may have symptoms of redness, itching, irritation and watering from overexposure. Causes skin irritation. May cause slight discomfort to respiratory tract. Ingestion is not a likely route of entry. Considered practically non-toxic by animal tests.
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#### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Dry chemical. Alcohol resistant foam. Universal foam. Water spray (fog).

**Unsuitable Extinguishing Media** A solid stream of water directed into hot, burning liquid would cause frothing and scattering of burning material.

#### Specific Hazards Arising from the Chemical

None known.

**Hazardous combustion products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>).

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

<b>Personal Precautions</b>	Use personal protection recommended in Section 8.
<b>Other Information</b>	FOR ALL TRANSPORTATION ACCIDENTS CALL INFOTRAC 1-352-323-3500 (International) / 1-800-535-5053 (North America).
<b>For Emergency Responders</b>	Keep unnecessary and unprotected personnel from entering. Use personal protection recommended in Section 8.

**Environmental precautions**

<b>Environmental precautions</b>	See Section 12 for additional Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.
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**Methods and material for containment and cleaning up**

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Clean-Up</b>	Small Spill: Dike spilled material if possible. Collect spilled material with an inert absorbent such as sand or vermiculite. Shovel waste material into properly labeled closed container. Flush area with water to remove residue. Collect rinsate for disposal. Large Spill: Same basic procedure as for small spill. May need to use pumps or vacuum to remove spilled material.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

<b>Advice on Safe Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, hands and any exposed skin thoroughly after handling.
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**Conditions for safe storage, including any incompatibilities**

<b>Storage Conditions</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from freezing. Store at 10-32.2 C (50-90 F). Avoid temperatures below 45 F/ 8 C.
<b>Incompatible Materials</b>	Strong oxidizing agents. Chlorine. Hydrogen peroxide.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

**Appropriate engineering controls**

<b>Engineering Controls</b>	Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.
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**Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	Safety glasses.
<b>Skin and Body Protection</b>	Rubber, neoprene, or other impervious gloves are recommended to prevent skin contact. Synthetic apron. Normal work clothing (long sleeved shirts and long pants) is recommended.
<b>Respiratory Protection</b>	If engineering controls do not keep airborne concentrations below acceptable levels, wear a NIOSH-approved respirator. Refer to 29 CFR 1910.134 for respiratory protection requirements.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid @ 25°C/77°F	<b>Odor</b>	Mild
<b>Appearance</b>	Clear, yellow liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Clear yellowish		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>	
<b>pH</b>	6.0-8.0 (as supplied)		
<b>Melting point / freezing point</b>	0 °C / 32 °F		
<b>Boiling point / boiling range</b>	> 100 °C / >212 °F		
<b>Flash point</b>	> 100 °C / > 212 °F		Pensky-Martens Closed Cup (PMCC)
<b>Evaporation Rate</b>	Not determined		
<b>Flammability (Solid, Gas)</b>	Liquid-not applicable		
<b>Flammability Limit in Air</b>			
<b>Upper flammability or explosive limits</b>	Not determined		
<b>Lower flammability or explosive limits</b>	Not determined		
<b>Vapor Pressure</b>	~24mmHg		82.5°C (180.5°F)
<b>Vapor Density</b>	Not determined		
<b>Relative Density</b>	~1.00 gm/ml		API Gravity @ 60°F D1298 @ 60°F (ASTM D 1298)
<b>Water Solubility</b>	Soluble in water		
<b>Solubility in other solvents</b>	Not determined		
<b>Partition Coefficient</b>	Not determined		
<b>Autoignition temperature</b>	Not determined		
<b>Decomposition temperature</b>	Not determined		
<b>Kinematic viscosity</b>	Not determined		
<b>Dynamic Viscosity</b>	Not determined		
<b>Explosive Properties</b>	None known		
<b>Oxidizing Properties</b>	Not determined		
<b><u>Other information</u></b>			
<b>Liquid Density</b>	~8.3 lb/gal @ 25C		

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

Hazardous polymerization does not occur.

**Conditions to Avoid**

Avoid temperatures below 45 F/ 8 C.

**Incompatible materials**

Strong oxidizing agents. Chlorine. Hydrogen peroxide.

**Hazardous decomposition products**

Carbon oxides. Nitrogen oxides (NOx).

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

<b>Eye Contact</b>	Causes serious eye irritation.
<b>Skin Contact</b>	Avoid contact with skin.
<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Ingestion</b>	Not expected to present a hazard by ingestion during prescribed use.

**Component Information**

Not available

**Symptoms related to the physical, chemical and toxicological characteristics**

<b>Symptoms</b>	Please see section 4 of this SDS for symptoms.
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**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Carcinogenicity</b>	Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
<b>Target organ effects</b>	None known.

**Numerical measures of toxicity**

Not determined

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Component Information**

Not available

**Persistence/Degradability**

Readily biodegradable.

**Bioaccumulation**

There is no data for this product.

**Mobility**

Not considered mobile

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods****Disposal of Wastes**

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

**Contaminated 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.

**DOT**

Not regulated

**IATA**

Not regulated

**IMDG**

Not regulated

**15. REGULATORY INFORMATION****International Inventories**

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
Water	X	ACTIVE	X	X	X	X	X	X	X
Sodium Lauriminodipropionate	X	ACTIVE	X	X	X	X	X	X	X

**Legend:***TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS - Japan Existing and New Chemical Substances**IECSC - China Inventory of Existing Chemical Substances**KECL - Korean Existing and Evaluated Chemical Substances**PICCS - Philippines Inventory of Chemicals and Chemical Substances**AICS - Australian Inventory of Chemical Substances***US Federal Regulations****CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 311/312 Hazard Categories**

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	1	0	0	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical hazards</b>	<b>Personal Protection</b>
	1	0	0	D

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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 a 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**