

  (Pictograms)	HMIS CLASS : D-2B Toxic Materials. (Classification)	SAFETY DATA SHEET This SDS is prepared in accordance with OSHA 29 CFR 1910.1200
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Section 1. Chemical Product and Company Identification

Product Name/Trade Name	LD - 7	Code
Synonym	Multi purpose cleaner	CAS # Not Applicable.
Chemical Family	General Detergent	Validation Date 4/28/2021
Chemical Formula	Not applicable	In Case of Emergency Chemtrec 800.424.9300
Manufacturer/Supplier	Valence Drilling Fluids LLC PO Box 7174 Edmond, OK 73083	Protective Clothing
TSCA	TSCA Inventory: All components listed or are exempt from listing	 
DSL/NDL	All components listed unless noted elsewhere on this SDS	

Section 2. Information on Ingredient Components

Name	CAS #	% by Weight	Exposure Limits	
Sodium Metasilicate	10213-79-3	<4	Not Listed	
Trisodium Phospahte	10101-89-0	<4	Not Listed	

Section 3. Hazards Identification

Potential Acute Health Effects	Mild irritation may occur if contact occurs with skin or eyes. May be slightly toxic if swallowed. Breathing of dust may cause irritation in throat and esophagus
Potential Chronic Health Effects	None known or expected.
Carcinogenic Effects	NTP? No, IARC Monographs? No, OSHA Regulated? No
Medical conditions generally agravated by exposure	Individuals with chronic respiratory disorders such as asthma, chronic bronchities, emphysema, etc., may be more susceptible to irritating effects.

Section 4. First Aid Measures

Eye Contact	Flush eyes with running water for at least 15 -20 minutes. Keep eyelids open. Get medical attention if irritation persists.
Skin Contact	Flush immediately with plenty of water for at least 15 minutes. Remove contaminated clothing.
Ingestion	If swallowed, give a cupful of water. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
Inhalation	If breathing is affected, remove to fresh air. Get medical attention immediately.
	Sources Used: Raw material data, general toxicology from the trade for similar products.

Section 5. Fire Fighting Measures

Flammability	None
Fire Fighting Media and Instruction	Water fog, dry chemical, carbon dioxide
Special Remarks on Fire Hazards	Keep fire exposed containers cooled with water stream.
Special Remarks on Explosion Hazards	Keep fire exposed containers cooled with water stream.

Section 6. Accidental Release Measures

Accidental Spill or Leak	Sweep up, using a respirator to protect from dust.
Personal Protection in Case of a Spill	Approved safety goggles. Natural rubber or nitrile gloves.

Section 7. Handling and Storage

Precautions	Normal care in handling & storage. Keep out of reach of children. Keep from freezing. Do not store above 90 c.
Incompatibility	Oxidizers
Storage	Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF THE REACH OF CHILDREN.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	General mechanical ventilation.	
Personal Protection	Eyes	Splash goggles or eyewash station nearby.
	Body	Not required
	Respiratory	Not normally required. Avoid breathing dust. Wear appropriate respiratory protection to avoid over-exposure to dust.
	Hands	Vinyl or nitrile gloves.

Protective Clothing
(pictogram)



Work/Hygienic Practices Do not contaminate food or beverages with cleaning chemicals.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid	Odor	Faint
Molecular Weight	Not applicable		
pH	n/a	Color	Opaque
pH 1% soln.	7 - 9		
Boiling/Condensation Point	n/a		
Melting/Freezing Point	N/A		
Critical Temperature	N/A		
Instability Temperature	Stable at all temperature		
Specific Gravity	1.1		
Vapor Pressure	Not Available.		
Vapor Density	>1		
Volatility	80+%		
VOC	n/a		
Evaporation Rate	Not applicable		
Dispersion Properties	Not available		
Solubility in water	Soluble		
The Product is:	Stable		
Auto-ignition Temperature	n/a		
Flash Points	n/a		
Flammable Limits	None		
Fire Hazards in Presence of Various Substances	n/a		
Explosion Hazards in Presence of Various Substances	n/a		

Section 10. Stability and Reactivity Data

Stability	This product is stable.
Incompatibility with Various Substances	Strong Acids
Hazardous Decomposition Products or byproducts.	None reasonably foreseeable

Section 11. Toxicological Information

Routes of Entry	Skin Absorption, Ingestion, Inhalation, Eye Contact	
Acute Effects on Humans	Eyes	Moderate eye irritation
	Skin	Mild skin irritation.
	Inhalation	Excessive breathing of dust may cause slight irritation.
	Ingestion	May be slightly toxic if swallowed.
Chronic Effects on Humans	None known or expected	
Special Remarks on Effects on Humans	No additional remark.	
Teratogen, Mutagen, Reproductive Toxin Status	No known relevance to humans.	
Toxicologically Synergistic Products	Not available	

Section 12. Ecological Information

Ecotoxicity	Not available.
Chemical Fate Info	Not available.

Section 13. Disposal Considerations

Waste Information	Dispose of spilled material in accordance with local, state and federal regulations. Waste from normal cleaning procedures may be sewerred, depending on materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations.
Waste Stream	Not available

Section 14. Transport Information

DOT (U.S.A.) (Pictograms)	Not applicable	
TDG Classification	Compound Cleaning Solid N. O. S.	
PIN UN, Proper Shipping Name, PG	Shipping name: Compound, Cleaning solid, n.o.s., UN# - Not applicable	
Maritime Transportation	Not available.	
Special Provisions for Transport	Not available.	

Section 15. Other Regulatory Information and Pictograms

WHMIS (Classification) WHMIS Class: D-2B .
TDG Class (Not controlled under TDG (Canada)

Regulatory Lists None listed

Other Classifications

CERCLA Reportable Quality	Not available
SARA Title III	Section 302 Extremely Hazardous Chemicals: NONE Section 311/312 Hazard Category: Immediate Health, Chronic Health Section 313 Toxic Chemicals: 2-butoxy ethanol (glycol ether)
WHMIS Class D (D2B)	Risk phrases: R22,R36, R37, R38 Precautions: S2, S24, S46

Hazardous Material
Information System
(U.S.A.)

Health	1	National Fire
Flammability	0	Protection
A. Reactivity Hazard	1	Association (U.S.A.)

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The Hazard Ranking systems presented on this MSDS provide only a quick reference for hazard information. The ENTIRE Specific Hazard MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.

Section 16. Other Information

Prepared by Brett Stratil (ASC)

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.