



Safety Data Sheet

Liqui-Loc Solidifier/Liquid Waste Encapsulation

Section 1. Identification

Product Identifier
Synonyms

Liqui-Loc Solidifier/Liquid Waste Encapsulation
DYNDS500B; DYNDS1500B; DYNDS16000B; DYNDS3000B;
DYNDS1500HP; DYNDS3000HP; DYNDS500P; DYNDS1000P;
DYNDS3000P; MSD_SDS0040

Manufacturer Stock
Numbers

DYNDS500B; DYNDS1500B; DYNDS16000B; DYNDS3000B;
DYNDS1500HP; DYNDS3000HP; DYNDS500P; DYNDS1000P;
DYNDS3000P

Recommended use
Uses advised against

Liquid Waste Encapsulation.
None known.

Manufacturer Contact
Address

Medline
3 Lakes Drive
Northfield, IL, 60093
USA

Phone
(800) 633-5463

Emergency Phone
(800) 424-9300
CHEMTREC

Fax
(847) 643-4436

Website
www.Medline.com

Section 2. Hazards Identification

Classification

EYE DAMAGE/IRRITATION - Category 2B
SKIN CORROSION/IRRITATION - Category 3

Signal Word

Warning

Pictogram

Hazard Statements

Causes eye irritation
Causes mild skin irritation

Precautionary Statements

Response	If eye irritation persists: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/attention.
Prevention	Wash affected area thoroughly after handling.
Storage	N/A
Disposal	N/A

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
9003-04-7	2-Propenoic acid, homopolymer, sodium salt	>99 %

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

General Advice:	Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area. Remove soiled or soaked clothing immediately.
Eye Contact:	Flush eyes with large amounts of water for at least 15 minutes. Remove contact lenses, if worn. If irritation persists, seek medical attention.
Skin Contact:	Wash with soap and water; if irritation persists, seek medical attention.
Ingestion:	Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical attention if discomfort occurs.
Inhalation:	Remove victim to fresh air. Seek medical attention if discomfort continues.
Most important symptoms and effects, both acute and delayed:	Symptoms: No special hints.
Indication of immediate medical attention and special treatment needed:	Treat symptomatically.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	In case of fire, use Dry Chemical, Foam, Carbon Dioxide (CO ₂), Water fog
Unsuitable Extinguishing Media	Water jet.
Special Fire Fighting Procedures:	Do not inhale explosion and/or combustion gases. Self contained breathing apparatus and full protective clothing recommended. Special hazards arising from the chemical. In the event of fire the following can be released: Carbon monoxide and carbon dioxide.

Section 6. Accidental Release Measures

Non-hazardous Small Spill:	Should be cleaned up at the time of the spill. Take all necessary precautions and wear any personal protective equipment that is applicable. Dispose of per local and state regulations.
Non-hazardous Large Spill:	Should be cleaned up at the time of the spill. May require special treatment, equipment and/or emergency assistance. Dispose of per local and state regulations.
Environmental Precautions:	Do not flush into surface water or sanitary sewer system. Should not be released into the environment.

Section 7. Handling and Storage

Handling Non-hazardous:	This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.
Storage Non-hazardous:	Store in original package. Discard unused portion. Do not reuse. No special storage conditions required.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	2-Propenoic acid, homopolymer, sodium salt	N/A	N/A	N/A
Personal Protective Equipment	Gloves			
Engineering Controls:	Ventilation: Local exhaust.			
Respiratory Protection:	Respiratory protection may be worn if ventilation does not eliminate symptoms or keeps levels below recommended exposure limits. If exposure limits are exceeded, wear: NIOSH-Approved organic respirator. NIOSH-Approved Supplied Air Respirator (SAR). NIOSH-Approved self-contained breathing apparatus. Do not exceed limits established by the respirator manufacturer. All respiratory protection programs must comply with OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements and must be followed whenever workplace conditions require a respirator's use.			

Skin Protection: Protective Gloves: Gloves

Eye Protection: This product is not classified as a hazardous substance. Any necessity for eye protection must be determined within the scope of a risk assessment.

Other protective equipment: Protective clothing

Work/hygienic practices: Handle in accordance with good industrial hygiene and safety practices. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.

Section 9. Physical and Chemical Properties

Physical State	Solid
Color	White/ Granular
Odor	Odorless
Odor Threshold	N.D.
Solubility	Insoluble
Partition coefficient Water/n-octanol	No data available
VOC%	N/A
Viscosity	No data available
Specific Gravity	0.7
Density lbs/Gal	0.7
Pounds per Cubic Foot	N/A
Flash Point	N.A.
FP Method	No data available
pH	~6
Melting Point	No data available
Boiling Point	No data available
Boiling Range	No data available
LEL	N/A
UEL	N/A
Evaporation Rate	No data available
Flammability	No data available
Decomposition Temperature	N.D.
Auto-ignition Temperature	N.E.
Vapor Pressure	<10 hPa (20° C)
Vapor Density	N.E.

Section 10. Stability and Reactivity

Stability:	Stable.
Reactivity:	Risk of dust explosions.
Incompatibility (Materials to Avoid):	None known.
Hazardous Decomposition or Byproducts:	None with proper storage and handling.
Hazardous Polymerization:	May not occur.
Conditions to avoid:	None known.

Section 11. Toxicological Information

Acute Toxicity: Oral	N.A.
Acute Toxicity: Inhalation	N.A.
Acute Toxicity: Dermal	N.A.
Irritation/corrosion of the skin:	Species: Rabbit Result: Non-irritant Method: OECD 404
Serious eye damage/Eye irritation:	Species: Rabbit Result: Mild eye irritation Method: OECD 405
Respiratory/Skin sensitization:	Species: Guinea pig Result: Non-sensitizing Method: OECD 406
Repeated dose toxicity:	N.A.
Genotoxicity in vitro:	Result: Not mutagenic Method: Mouse lymphoma test Remarks: Not mutagenic in in vivo and in vitro tests
Chronic Toxicity:	Diethanolamine, Cocamide DEA, components of this product, have been designated by IARC as possibly carcinogenic to humans.
Carcinogenicity:	IARC listed: Cocamide DEA (CAS#68603-42-9) IARC 2B
OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.
ACGIH TLV:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.
Reprotoxicity/Fertility:	N.A.
Reprotoxicity/Development /Teratogenicity:	N.A.
Specific Target Organ Toxicity - Single exposure:	N.A.
Specific Target Organ Toxicity - Repeated exposure:	N.A.
Aspiration hazard:	No aspiration toxicity classification.
Other information:	Proper use provided, no adverse health effects have been observed or have been come to our knowledge.

Section 12. Ecological Information

Ecotoxicology Assessment: Acute aquatic toxicity: N.A.

Chronic aquatic toxicity: N.A.

Toxicity:

Aquatic toxicity, Fish:

Species: *Leuciscus idus*

Exposure duration: 96 h

LC50: > 5,500 mg/l

Method: OECD 203

Aquatic toxicity, Fish:

Species: *Danio rerio*

Exposure duration: 96 h

LC50: > 4,000 mg/l

Method: OECD 203

Aquatic toxicity, Invertebrates: N.A.

Aquatic toxicity, Algae/aquatic plants: N.A.

Toxicity in microorganisms:

Species: *Pseudomonas putida*

Exposure duration: 24 h

EC50: > 6,000 mg/l

Chronic toxicity in fish: N.A.

Chronic toxicity in aquatic invertebrates: N.A.

Toxicity in organisms which live in the soil: N.A.

**Persistence and
degradability:**

Photodegradation: N.A.

Biological degradability: N.A.

Bioaccumulative potential:

Bioaccumulation: N.A.

Mobility in soil:

Environmental distribution: N.A.

**Results of PBT and vPvB
assessment:**

PBT and vPvB assessment: N.A.

Other adverse effects:

General product information: The product is considered to be a weak water pollutant (German law). Do not allow to enter soil, waterways or waste canal.

Section 13. Disposal

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Contaminated packaging:

If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	Not Regulated
DOT Classification	Not Regulated
Packing Group	Not Regulated

Section 15. Regulatory Information

SARA 311/312:	Refer to Section 2 of the SDS.
SARA 302:	N.A.
SARA 304:	N.A.
SARA 313:	N.A.
TSCA:	All components are listed or exempt.
CERCLA Hazardous Substance List:	N.A.
Clean Air Act (CAA) Section 112, 112 (r):	N.A.
State Regulations:	N.A.

Section 16. Other Information

Revision Date	1/6/2023
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Legend	N.A. - Not Applicable N.E. - Not Established N.D. - Not Determined
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HMIS (U.S.A.): Health Hazard	1
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HMIS (U.S.A.): Flammability	0
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HMIS (U.S.A.): Physical Hazard	0
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National Fire Protection Association (U.S.A): Health Hazard	1
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National Fire Protection Association (U.S.A): Fire Hazard	0
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National Fire Protection Association (U.S.A): Instability Hazard	0
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Additional Information:	The information contained herein is furnished without warranty or legal responsibility of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.
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