



Safety Data Sheet

WATER-SOLUBLE HAMPER LINERS

Section 1. Identification

Product Identifier	WATER-SOLUBLE HAMPER LINERS		
Synonyms	NON02800; NON02825; NON02850; MSD_SDS0039		
Manufacturer Stock Numbers	NON02800; NON02825; NON02850		
Recommended use	Water-soluble bags for infection control and medical disposal, packaging for chemicals.		
Uses advised against	N.D.		
Manufacturer Contact Address	Medline Industries, Inc. 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	No OSHA Hazard Classifications Applicable - Category N.A.
Signal Word	
Pictogram	
Hazard Statements	No OSHA Hazard Classifications Applicable
Precautionary Statements	
Response	N/A
Prevention	N/A

Storage	N/A
Disposal	N/A
Ingredients of unknown toxicity	N.D.
Hazards not Otherwise Classified	N.A.
Information on Dangers:	There is no particular danger for people or for environmental during the storage and the handling of the product.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
9002-89-5	Ethenol, homopolymer	85 %
56-81-5	1,2,3-Propanetriol	8 %
7732-18-5	Water	6 %
14807-96-6	Talc (Mg ₃ H ₂ (SiO ₃) ₄)	1 %

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.
Eye Contact	Remove from contact, flush with clean water.
Skin Contact:	Harmless, no irritation.
Inhalation:	N.A.
Ingestion	Cause vomiting.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	The product is not self-inflammable, but it is combustible. Atomized water, foam, dry extinguisher and carbon dioxide.
Unsuitable Extinguishing Media	N.D.
Means of Protection:	Fireproof clothes and respirators.

Section 6. Accidental Release Measures

Accidental Release Measures:	To collect with dry mechanical tools.
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Section 7. Handling and Storage

Storage Conditions: Store the product in clean, nontoxic, damp-proof inner packaging. Aluminum foil is recommended as the inner packaging material. Keep far from heat sources.

Storage Temperature: Storage Temperature: 7°C - 30°C
Humidity: 20% - 70%

Precautions for Storage Place: Natural ventilation.

Precautions: Avoid accident contact with water as the product is water soluble.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Ethenol, homopolymer	N/A	N/A	N/A
	1,2,3-Propanetriol	10 mg/m3 (mist)	Total dust: 15 mg/m3 TWA: 10 mg/m3 Respirable fraction: 5 mg/m3 TWA: 5mg/m3	N/A
	Water	N/A	N/A	N/A
	Talc (Mg3H2(SiO3)4)	N/A	N/A	N/A

Personal Protective Equipment

N/A

Respiratory Protection:

Not required.

Ventilation:

Not required, misting environment may require adequate ventilation.

Protective Gloves:

Not required.

Eye Protection:

Not required.

Other protective equipment: Not required.

Section 9. Physical and Chemical Properties

Physical State	Solid
Color	Natural/red /yellow/blue, etc. Translucent
Odor	A small amount of odor
Odor Threshold	N.D.
Solubility	N.D.
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	N.A.
Specific Weight	1.1 ~ 1.3g/cm3
Density lbs/Gal	N/A

Pounds per Cubic Foot	N/A
Fusion Point	> 150°C
FP Method	N.D.
pH	5-7 (4wt% water solution)
Melting Point	N.D.
Boiling Point	N.D.
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	N.D.
Flammability	Non detectable
Decomposition Temperature	> 260°C
Self ignition	> 400°C
Explosion Danger	No
Vapor Density	N.D.

Characteristic: Water soluble and biodegradable.

Moisture Content: The moisture content varies according to the ambient temperature and humidity.

Section 10. Stability and Reactivity

Stability: The product is stable in normal environmental conditions.

Hazardous Decomposition or Byproducts: Thermal decomposition starts from 260°C

Incompatibility (Materials to Avoid) Open flames.

Incompatibility (Materials to Avoid): Oxidizing agents.

Section 11. Toxicological Information

Acute Oral Toxicity on rats: Above 2,000 mg/kg.

Acute Oral Toxicity on fish: The fish did not show any poisoning symptoms.

Skin Irritation: Not noticed.

Note: With adequate use, serious damages for health are not noticed.

Section 12. Ecological Information

Toxicity: The product is biodegradable, without any toxic residue.

Eco-toxicological: Until now, no records of damaging to deputation or treatment plants of biological sewage.

Section 13. Disposal

Please refer to local laws and regulations.

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:	N.A.
SARA 302:	N.A.
SARA 313:	N.A.
TSCA:	N.A.
CERCLA Hazardous Substance List:	N.A.
Clean Air Act (CAA) Section 112, 112 (r):	N.A.
New Jersey Right to Know Components:	GLYCERIN. TALC.
Pennsylvania Right to Know Components:	1,2,3-PROPANETRIOL. TALC.
Rhode Island Right to Know Components:	glycerol. TALC.

Section 16. Other Information

Revision Date	8/2/2017
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Legend	N.A. - Not Applicable N.E. - Not Established N.D. - Not Determined
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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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