

Section 1. Identification

Trade Name : V-Seal Conditioner

Supplier/Manufacturer : The D.S. Brown Company
300 East Cherry Street
North Baltimore, Ohio 45872

In Case of Emergency : Chemtrec 1-800-424-9300 International 01-703-741-5500

Section 2. Hazards Identification

Label Elements

GHS Label Elements : The substance is classified and labeled according to the Globally Harmonized System (GHS).

Hazard Pictograms



Chronic Aquatic Environmental Hazard, CAT 2



Eye Damage/Irritation, CAT 2A; STOT Single Exposure, CAT 3A, Resp Irritation; STOT Single Exposure, CAT 3B, Narcotic Effect



Flammable Liquid, CAT 2



Aspiration Hazard, CAT 2

Signal Word

: **DANGER**

HMIS Statements

H225	Highly Flammable Liquid and Vapor	Flammable Liquid, CAT 2
H305	May Be Harmful If Swallowed and Enters Airways	Aspiration Hazard, CAT 2
H316	Causes Mild Skin Irritation	Skin Corrosion/Irritation, CAT 3
H319	Causes Serious Eye Irritation	Eye Damage/Irritation, CAT 2
H335	May Cause Respiratory Irritation	STOT Single Exposure, CAT 3A, Resp Irritation
H336	May Cause Drowsiness Or Dizziness	STOT Single Exposure, CAT 3B, Narcotic Effect

Section 2. Hazards Identification *cont'd.*

HMIS Statements <i>cont'd.</i>	:	H401	Toxic to Aquatic Life	Aquatic Environmental Hazard, CAT 2
		H411	Toxic To Aquatic Life with Long-Lasting Effects	Long-term Aquatic Environmental Hazard, CAT 2
Precautionary Statements	:	P102	Keep Out of Reach of Children.	
		P103	Read Label Before Use.	
		P202	Do Not Handle Until All Safety Precautions Have Been Read And Understood.	
		P210	Keep Away From Heat, Hot Surfaces, Sparks, Open Flames and Other Ignition Sources. No Smoking.	
		P235	Keep Cool.	
		P240	Ground/Bong Container And Receiving Equipment.	
		P241	Use Explosion-Proof Electrical/Ventilation/Lighting/Equipment.	
		P242	Use Only Non-Sparking Tools.	
		P243	Take Precautionary Measures Against Static Discharge.	
		P260	Do Not Breath/Fume/Cas/Mist/Vapors/Spray.	
		P264	Wash Thoroughly After Handling.	
		P270	Do Not Eat/Drink/Smoke While Using This Product.	
		P271	Use Only Outdoors Or In A Well-Ventilated Area.	
		P272	Contaminated Work Clothing Should Not Be Allowed Out Of The Workplace.	
		P273	Avoid Release To The Environment.	
		P280	Wear Protective Gloves/Protective Clothing/Eye Protection/Face Protection.	
		P285	In Case Of Inadequate Ventilation Wear Respiratory Protection.	
		P301 + P315	If Swallowed: Get Immediate Medical Advice/Attention.	
		P302 + P362 + P353	If On Skin: Take Off Contaminated Clothing, Rinse Skin With Water/Shower.	
		P304 + P340 + P314	If Inhaled: Remove Person To Fresh Air and Keep Comfortable For Breathing, Get Medical Advice/ Attention If You Feel Unwell.	
		P305 + P351 + P338	If In Eyes: Rinse Cautiously With Water For Several Minutes, Remove Contact Lenses If Present And Easy To Do. Continue Rinsing.	
		P309 + P311	If Exposed Or If You Feel Unwell: Call A Poison Center/Doctor.	
		P331	Do Not Induce Vomiting.	
		P332 + P313	If Skin Irritation Occurs, Get Medical Advice/Attention.	
		P337 + P313	If Eye Irritation Persists: Get Medical Advice/Attention.	
		P363	Wash Contaminated Clothing Before Reuse.	
		P370 + P378	In Case Of Fire: Use Carbon Dioxide, Foam, Dry Chemical, Water Fog to Extinguish.	
	P391	Collect Spillage.		
	P402 + P233	Store In A Well-Ventilated Place. Keep Container Tightly Closed.		
	P405	Store Locked Up.		
	P501	Dispose Of Contents/Container In Accordance With Local/Regional/National /International Regulations.		

Section 3. Composition/Information on Ingredients

HAZARDOUS INGREDIENTS	CAS NO	CONTENT
Ethyl Acetate	141-78-6	97%
Organic Acid	Trade Secret	3%

California Proposition 65 Ingredients : None

Section 313 Supplier Notification : This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 (40CFR372): None

Section 4. First Aid Measures

- Inhalation** : Remove victim from exposure. If difficulty with breathing, administer oxygen and seek medical assistance.
- Eyes** : Flush eyes with cold water for a minimum of 15 minutes, lifting lower and upper eye lids throughout. Seek immediate medical attention.
- Skin** : Immediately remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.
- Ingestion** : Do not induce vomiting, get immediate medical attention, if vomiting occurs spontaneously keep head below hips to prevent aspiration of liquids into lungs. Do not give anything by mouth to an unconscious person.

Section 5. Fire-Fighting Measures

HMIS Hazard Rating No. 2

Flash Point : 26°F

General Hazard : Decomposition and combustion products may be toxic.

Auto-Ignition Temperature : 800°F

Limits of Flammability

LEL : 2.2%

UEL : 11%

Extinguishing Media

For Small Fires : Use water spray, foam, CO₂, or dry chemical.

For Large Fires : Use water spray, or fog.

Special Fire & Unusual Hazards and Precautions for Fire-Fighters

: Move containers from area if it can be done without risk. Cool fire-exposed containers with water from the side. As in any fire, wear NIOSH/MSHA approved; pressure demand self-contained breathing apparatus and full protective gear.

Section 6. Accidental Release Measures

- Actions to Take for Spills/Leaks** : Avoid contact with skin or eyes. Ventilate area, and eliminate all sources of ignition. Wear appropriate protective gear, contain leak or spill, salvage, clean up residue with absorbent material.
- Waste Disposal Method** : Handle disposal of waste material in manner that complies with local, state, province and federal regulation. Landfill if solidified, or incineration at agency approved waste-disposal facilities.

Section 7. Handling and Storage

- Special Instructions** : Store away from heat, open flame, sparks. Use proper grounding for bulk quantities. Store dry at 50-95°F. Condition material to 65-85°F before using.

Section 8. Exposure Controls/Personal Protection

- Ventilation** : Ventilation is recommended. Air movement must be designed to ensure turnover at all locations in work area to avoid build up of heavy vapors.
- Personal Protection Equipment** : **Do NOT wear contact lenses** when working with this material. Use chemical goggles/safety glasses with side shields and impervious gloves. Wear clothing with long sleeves and pants. In operations where mists can be generated or the exposure limits for crystalline silica exceeded, wear a NIOSH/MSHA approved dust/fume respirator selected by a technically qualified person for the specific work conditions. Wear respirator protection whenever airborne concentrations exceed TLV ceilings or TWA, use NIOSH approved respirators for listed hazard.
- Confined spaces, room, or tanks are areas where concern for TLV's is especially important. Reference OSHA regulation CFR 29 1910.134 for recommended respiratory protection.

Section 9. Physical and Chemical Properties

- Boiling Point (°C)** : 76.5°
- Water/Oil Distribution Coefficient** : Not available.
- VOC Content g/l** : 875 g/l
- Solubility in Water** : Slight
- Freezing Point (°C)** : -84°
- Specific Gravity @ 20°C** : 0.92
- Vapor Pressure @ 20°C** : Not available.

Section 9. Physical and Chemical Properties *cont'd.*

pH	: Not available.
Vapor Density	: 3.4
Evaporation Rate	: Not available.
Odor Threshold	: Not available.
Odor	: Fruity
Appearance	: Clear liquid.

Section 10. Stability and Reactivity

HMIS Hazard Rating No. 1 Stability	: Stable
Incompatible Materials	: Strong bases and oxidizing agents.
Hazardous Decomposition	: Oxides of carbon; aldehydes; decomposition and combustion products may be toxic.
Conditions To Avoid	: Strong bases in bulk.

Section 11. Toxicity Information

HMIS Hazard Rating No. 1	
Primary Route of Entry	: Inhalation, dermal.
Effects Of Overexposure	
Skin Contact	: Frequent or prolonged contact may irritate and cause dermatitis, or aggravate an existing condition.
Eyes	: Product may cause severe irritation, redness, and tearing and blurred vision.
Inhalation	: Vapors / mist can be irritating to nose and mucous membranes. High exposures may result in dizziness, headaches, anesthesia, drowsiness, unconsciousness and other central nervous system effects.
Ingestion	: Not expected to be a relevant route of exposure although it may cause permanent damage to the mouth throat and stomach.

Section 12. Ecological Information

Marine Pollutant	: Not listed.
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Section 13. Disposal Considerations

Disposal Methods : Handle disposal of waste material in a manner that complies with all applicable local, state, provincial and federal regulations.

Section 14. Transport Information

DOT Shipping Information

Shipping Name : Flammable Liquid N.O.S (Ethyl Acetate)
Hazard Class : 3
Identification Number : UN1993
Packaging Group : II

Section 15. Regulatory Information

OSHA Hazard Communication Standard (29 CFR 1910.1200) : Not available.

CERCLA/ Superfund (40 CFR 117,302) : Not available.

SARA Extremely Hazardous Substances (40 CFR 355) : Not available.

SARA Hazard Categories (40 CFR 370) : Physical: Fire

SARA Toxic Chemicals (40 CFR 372) : None

Inventory Status : The chemicals in this product are listed on the US TSCA Chemical Substance Inventory and the Canadian Domestic Substances List.

Section 16. Other Information

THE INFORMATION HEREIN HAS BEEN COMPLIED FROM SOURCES BELIEVED TO BE RELIABLE AND IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, THE D.S. BROWN COMPANY CANNOT GIVE ANY GUARANTEES REGARDING INFORMATION FROM OTHER SOURCES, AND EXPRESSLY DOES NOT MAKE ANY WARRANTIES, NOR ASSUMES ANY LIABILITY, FOR ITS USE.

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