



## SAFETY DATA SHEET

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

<b>Manufacturer:</b>	Ver-tech Labs 6801 Bleck Drive Rockford, MN 55373 1-877-866-9742	<b>Product Name:</b>	Cold Weather Foam Brush
		<b>Product Code:</b>	EXT401
		<b>Recommended Use:</b>	Winter foam brush
		<b>Revision Date:</b>	9/23/2021

**Chemical Emergency:** Infotrac: 1-800-535-5053

**SECTION 2: HAZARDS IDENTIFICATION****GHS Hazard Classification**

Flammable Liquids	Category 2
Serious Eye Damage/Eye Irritation	Category 2

**Signal Word****DANGER!****Hazard Statements**

Highly flammable liquid and vapor  
Causes serious eye irritation

**Precautionary Statements - Prevention**

Keep away from heat/sparks/open flames/hot surfaces – No smoking  
Keep container tightly closed  
Ground/bond container and receiving equipment  
Use explosion-proof electrical/ventilating/lighting/equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge  
Wear protective gloves and eye protection  
Wash thoroughly after handling

**Precautionary Statements - Response**

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
If eye irritation persists: Get medical advice/attention

**Precautionary Statements - Storage**

Store in a well ventilated place. Keep container tightly closed

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**SECTION 3: INFORMATION ON HAZARDOUS INGREDIENTS***Product is a mixture according to 29 CFR 1910.1200.***Hazardous Components**

Hazardous Ingredients	Cas #	Weight %
Ethanol	64-17-5	70-80%
Proprietary Surfactant Blend	Trade Secret	1 - 20%

*Specific chemical identity and/or exact percentage of components has been withheld in accordance with a trade secret claim according to Appendix E 29 CFR 1910.1200.*

**SECTION 4: FIRST-AID MEASURES****First Aid Measures****General Advice:** Keep out of reach of children. Use with care.

- Eye Contact:** Immediately flush with cool running water for at least 15 minutes while holding eyelids apart. Do not rub affected area. Remove contact lenses if applicable.
- Skin Contact:** None under normal use conditions. If skin irritation occurs: Get medical advice/attention.
- Ingestion:** If swallowed, may cause burning of the mouth, throat and stomach. Call immediately for medical assistance. DO NOT induce vomiting. Rinse mouth with water, then drink 1-2 glasses of water. Never give anything by mouth to an unconscious person.
- Inhalation:** Remove to fresh air.

**Most Important Symptoms and Effects**

- Symptoms:** May cause redness and tearing of the eyes. Burning sensation. Prolonged contact may cause redness and irritation.

**Indication of any immediate medical attention and special treatment needed**

- Note to Physician:** Treat symptomatically.

**SECTION 5: FIRE-FIGHTING MEASURES****Flammable Properties**

- Flammability:** Considered a fire hazard.
- Explosive Prop:** Sensitivity to static discharge. Considered an explosive hazard.

**Extinguishing Media**

- Suitable:** Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol resistant foam.
- Unsuitable:** None known based on information supplied.

**Specific Hazards Arising from Chemical**

- Hazards:** Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of a fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**Protective equipment and precautions for fire-fighters**

- Fire-Fight Method:** In the event of a fire, fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA).

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

- Personal Precautions:** Evacuate personnel to safe areas. Isolate hazard area and deny entry. Stay upwind of spill/leak. Use personal protective equipment. Avoid contact with skin, eyes or clothing. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Ventilate the area.
- Environ. Precautions:** Prevent release to the environment if possible. Dike large spills to prevent material from entering streams or sewer systems.
- Clean-Up Method:** Soak-up with inert absorbent material and place into appropriate container for disposal. Clean contaminated area thoroughly with water. Prevent product from entering drains.

**SECTION 7: HANDLING AND STORAGE**

- Handling:** Use personal protective equipment when needed. Avoid breathing vapors or mists. Keep away from heat, hot surface, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area with sprinklers. Avoid contact with skin, eyes, and clothing. Wash hands before eating, drinking, or smoking. Remove contaminated clothes and wash before reuse. Use in a ventilated area.
- Storage:** Store in closed containers in cool, dry, well-ventilated area. Avoid overheating or freezing. Keep away from heat, sparks, flame and other sources of ignition. Do not store near combustible materials. Keep in an area equipped with sprinklers. Keep in properly labeled containers and out of reach of children.
- Incomp. Materials:** Acids. Strong oxidizing agents. Isocyanates. Chlorine.

**SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Exposure Guidelines**

Hazardous Chemical	TLV - TWA	TLV - STEL
Ethanol	1000 ppm	1000 ppm
Proprietary Surfactant Blend	No information	No information

**Appropriate Engineering Controls**

**Eng. Controls:** Ensure adequate ventilation, especially in confined areas.

**Personal Protection Equipment (PPE)**

**Eyes:** Recommend safety goggles or shield.

**Respiratory:** Not usually necessary where ventilation is sufficient. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Skin:** Wear suitable protective clothing. Antistatic boots.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical State:</b>	Liquid	<b>Freezing Point:</b>	No data available
<b>Appearance:</b>	Yellow liquid	<b>Boiling Point:</b>	172.9° F / 76.3° C
<b>Color:</b>	Pale yellow	<b>Evaporation Rate:</b>	No data available
<b>Odor:</b>	Alcohol	<b>Vapor Pressure:</b>	No data available
<b>Odor Threshold:</b>	No data available	<b>Vapor Density:</b>	No data available
<b>pH:</b>	No data available	<b>Relative Density:</b>	No data available
<b>Flash Point:</b>	63.5° F / 17.5° C	<b>Flammability:</b>	No data available
<b>Water Solubility:</b>	No data available	<b>Explosive Limits:</b>	No data available
<b>Viscosity:</b>	No data available	<b>Part. Coefficient:</b>	No data available
<b>Specific Gravity:</b>	No data available	<b>Auto-ignition Temp:</b>	No data available
<b>Melting Point:</b>	No data available	<b>Decomp. Temp:</b>	No data available

**SECTION 10: STABILITY AND REACTIVITY**

**Stability:** Stable under ordinary conditions of use and storage.

**Haz. Decomposition:** None known based on information supplied.

**Haz. Polymerization:** No information available.

**Incompatibilities:** Acids. Strong oxidizing agents. Isocyanates. Chlorine.

**Conditions to Avoid:** Heat, flames and sparks.

**SECTION 11: TOXICOLOGY INFORMATION****Component Information**

Hazardous Chemical	LD50 Oral	LD50 Dermal
Ethanol	4060 mg/kg (rat)	No information given
Proprietary Surfactant Blend	12600 mg/kg (rat)	> 10 g/kg (rabbit)

**Potential Health Effects**

**Exposure Routes:** Eye Contact, Dermal Contact, and Ingestion

**Acute Toxicity:**

**Eyes:** Causes eye irritation with tearing, redness, and impaired vision.

**Skin:** Causes mild skin irritation. Prolonged contact may cause redness and irritation.

**Ingestion:** May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

**Inhalation:** May cause irritation of respiratory tract. May cause drowsiness or dizziness.

**Chronic Effects:** Avoid repeated exposure. May aggravate pre-existing medical conditions including eye, skin and respiratory disorders.

**Carcinogenicity:** No information available.

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity**

Hazardous Chemical	Toxicity to Fish	Toxicity to Invertebrates
Ethanol	No information given	No information given
Proprietary Surfactant Blend	No information given	No information given

**Environmental Toxicity****Biodegradation:** No information available.**Persistence:** No information available.**Bioaccumulation:** No information available.**Mobility:** No information available.**SECTION 13: DISPOSAL CONSIDERATIONS****Waste Disposal:** Recover or recycle if possible. Disposal should be in compliance with applicable federal, state, and local regulations. Do not dispose of in the environment, in sewage, and/or in drains.**Container:** Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. Do not reuse container.**SECTION 14: TRANSPORT INFORMATION***Transport in accordance with all federal, state, and local regulations.***DOT****Proper Name:** Flammable liquid, N.O.S. (Ethanol)**Hazard Class:** 3**UN Number:** UN1993**Packing Group:** II**SECTION 15: REGULATORY INFORMATION**

SARA Section 302 (Extremely Hazardous Substance): Not Applicable

SARA Section 311/312 (Hazard Categories): Flammable

SARA Section 313 (Toxic Chemicals): Not Applicable

CERCLA: Not Applicable

CAA 112(r): Not Applicable

RCRA: Not Applicable

**SECTION 16: OTHER INFORMATION****Prepared by:** Health and Safety Department**Contact Number:** 1-877-866-9742**Issue Date:** 9/23/2021**Revision Date:** 9/23/2021**Revision Note:** New product**Version:** I**Disclaimer:**

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End of Safety Data Sheet