



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Ver-tech Labs 6801 Bleck Drive Rockford, MN 55373 1-877-866-9742	Product Name: Winter Foam Brush Product Code: EXT405 Recommended Use: Cold weather foam brush detergent Revision Date: 6/17/2015
Chemical Emergency: Infotrac: 1-800-535-5053	

SECTION 2: HAZARDS IDENTIFICATION

GHS Hazard Classification

Acute Toxicity - Dermal	Category 3
Acute Toxicity - Oral	Category 3
Acute Toxicity - Inhalation	Category 3
Specific Target Organ Toxicity	Category 1
Eye Irritant	Category 2
Flammable Liquid	Category 2

Signal Word

DANGER!



Hazard Statements

Toxic in contact with skin
 Toxic if swallowed
 Toxic if inhaled
 Causes damage to organs
 Causes serious eye irritation
 Highly flammable liquid and vapor

Precautionary Statements - Response

Call a POISON CENTER or doctor/physician if you feel unwell
 IF ON SKIN: Gently wash with plenty of soap and water
 Immediately take off all contaminated clothing and wash before reuse
 Rinse mouth
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 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
 In case of fire: Use carbon dioxide powder, alcohol-resistant foam for extinction

Precautionary Statements - Storage

Store locked up
 Store in a well ventilated place. Keep container tightly closed

Precautionary Statements - Prevention

Wash thoroughly after handling
 Do not eat, drink or smoke when using this product
 Wear protective gloves/protective clothing/eye protection/face protection
 Avoid breathing fumes, vapors, mist and spray
 Use only outdoors or in a well-ventilated area
 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
 Ground/bond container and receiving equipment
 Use only non-sparking tools
 Take precautionary measures against static discharge

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 %
Methanol	67-56-1	60 - 80%

Proprietary Surfactant Blend

Trade Secret

10 - 30%

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:** Wear protective clothing when handling this product. 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:** Wash with soap and water. Remove clothing before washing. Consult a doctor/medical service.
- Ingestion:** If swallowed, call immediately for emergency medical assistance. DO NOT induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person.
- Inhalation:** Remove victim to fresh air. Immediately consult a doctor/medical service.

Most Important Symptoms and Effects

- Symptoms:** Irritation to skin, eyes and respiratory tract. Nausea and vomiting if ingested.

Indication of any immediate medical attention and special treatment needed

- Note to Physician:** Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable Properties

- Flammability:** Considered to be a fire hazard. Highly flammable. May be ignited by sparks.
- Explosive Prop:** Explosion hazard. Reactions with explosion hazards. May be ignited by sparks.

Extinguishing Media

- Suitable:** Use dry chemical, CO₂, water spray (fog) or foam.
- Unsuitable:** Solid water jet ineffective as extinguishing media.

Specific Hazards Arising from Chemical

- Hazards:** Thermal decomposition may lead to release of irritating and toxic vapors. In the event of fire and/or explosion do not breathe fumes. May have violent exothermic reaction with (some) acids.

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) with a full face-piece operated in positive pressure mode.

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.

- 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:** Wear personal protective equipment. Ensure all equipment is compatible with Hydrofluoric Acid. 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 in properly labeled containers and out of reach of children.

- Incomp. Materials:** Strong oxidizers. Strong bases. Strong acids. Acid anhydrides. Acid chlorides.

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

Hazardous Chemical	OSHA PEL	ACGIH TLV
Methanol	260 mg/m ³	200 ppm
Proprietary Surfactant Blend	Not Determined	Not Determined

Appropriate Engineering Controls

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

Personal Protection Equipment (PPE)

Eyes: Recommend goggles or face shield, giving complete protection of eyes.

Respiratory: In case of insufficient ventilation wear suitable respiratory equipment. Use NIOSH approved respiratory protection.

Skin: Avoid skin contact. Recommend chemical resistant gloves and protective clothing.

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

Physical State:	Liquid	Freezing Point:	Not determined
Appearance:	Yellow liquid	Boiling Point:	Not determined
Color:	Yellow	Evaporation Rate:	Not determined
Odor:	Lemon	Vapor Pressure:	Not determined
Odor Threshold:	Not determined	Vapor Density:	Not determined
pH:	Not determined	Relative Density:	Not determined
Flash Point:	> 11° C, component data	Flammability:	Not determined
Water Solubility:	Soluble in water	Explosive Limits:	Not determined
Viscosity:	Not determined	Part. Coefficient:	Not determined
Specific Gravity:	0.86	Auto-ignition Temp:	Not determined
Melting Point:	Not determined	Decomp. Temp:	Not determined

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage.

Haz. Decomposition: Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon dioxide. Carbon monoxide.

Haz. Polymerization: No information available.

Incompatibilities: Strong oxidizers. Strong bases. Strong acids. Acid anhydrides. Acid chlorides.

Conditions to Avoid: Direct sunlight. High temperatures. Open flame. Sparks. Overheating. Incompatibles.

SECTION 11: TOXICOLOGY INFORMATION**Component Information**

Hazardous Chemical	LD50 Oral	LD50 Dermal
Methanol	> 5000 mg/kg (rat)	15800 mg/kg (rabbit)
Proprietary Surfactant Blend	Not Determined	Not Determined

Potential Health Effects

Exposure Routes: Eye Contact, Dermal Contact, Ingestion, Inhalation

Acute Toxicity:

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

Skin: Slight irritation.

Ingestion: Harmful if swallowed. May cause nausea and vomiting.

Inhalation: Respiratory irritant.

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

Carcinogenicity: Not listed as a carcinogen.

SECTION 12: ECOLOGICAL INFORMATION**Ecotoxicity**

Hazardous Chemical	Toxicity to Fish	Toxicity to Invertebrates
Methanol	10800 mg/L freshwater fish	> 10000 mg/L (48 h: Daphnia)
Proprietary Surfactant Blend	Not Determined	Not Determined

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:** Drain contaminated container thoroughly. 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. (methanol)**Hazard Class:** 3**UN Number:** UN1993**Packing Group:** II**SECTION 15: REGULATORY INFORMATION****US Federal Regulations****TSCA Status:** All components of this product are listed or exempt from listing on TSCA inventory.**CERCLA Reportable Quantity:** Methanol, 5000 lbs.**Section 311/312 Hazard Category**

Acute Health Hazard:	67-56-1	Methanol	60 - 80%
Chronic Health Hazard:	No		
Fire Hazard:	67-56-1	Methanol	60 - 80%
Sudden Release of Pressure:	No		
Reactive Hazard:	No		
Section 313 Toxic Chemicals	67-56-1	Methanol	60 - 80%

SECTION 16: OTHER INFORMATION**Prepared by:** Health and Safety Department**Contact Number:** 1-877-866-9742**Issue Date:** 6/17/2015**Revision Date:** 6/17/2015**Revision Note:** MSDS converted to GHS SDS format**Version:** I**Disclaimer:** The information provided in this Safety Data Sheet has been obtained from sources believed to be reliable. This information is offered for your information, consideration, and investigation. Ver-tech Labs cannot anticipate all conditions under which this information and its product may be used. 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. It is the user's responsibility to assume liability for loss, injury, damage or expense due to improper use.

End of Safety Data Sheet