

spills may be flushed with large quantities of water to a sewer if permitted. Alternatively, they may be soaked up with absorbent and transferred to a salvage drum. Make certain that all sources of ignition have been eliminated before beginning cleanup operations and that vapor concentrations are within permissible limits.

WASTE DISPOSAL: Because this product is combustible it is hazardous waste if it is discarded. Therefore, it is important to package, store, transport and dispose of all clean-up materials and any contaminated equipment in accordance with all federal, state and local health and environmental regulations. Shipments of waste materials may be subject to manifesting requirements per applicable regulations. Appropriate disposal will depend on the nature of each waste material and should be performed by competent and properly permitted contractors. Ensure that all responsible federal, state, and local agencies receive proper notification of spill and disposal methods.

8. INDUSTRIAL HYGIENE CONTROL MEASURES

EYE PROTECTION: Face shield and goggles or chemical goggles should be worn. **PROTECTIVE GLOVES:** should be worn. Gloves may be decontaminated by washing with soap and water. Natural and butyl rubber have been suggested. **PROTECTIVE CLOTHING:** to minimize skin contact. Chemically resistant safety shoes. Wash contaminated clothing with soap and water and dry before reuse. Showers and eye-wash facilities should be accessible. **RESPIRATORY PROTECTION:** is not required under normal use. Use NIOSH/MSHA approved respirator where mists, sprays or resuspended dust may be generated or where vapor concentrations build up to levels requiring appropriate industrial hygiene measures. **VENTILATION REQUIREMENTS:** Use adequate local exhaust ventilation where mist, sprays or dust or solvent vapors may be generated.

9. MISCELLANEOUS

For Industrial Use Only. This product is regulated by DOT, IATA and IMO. This product is made in a manner to insure quality, purity and stability. Handle carefully to preserve its original quality.

The submission of this MSDS may be required by law, but is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health.

This MSDS has been prepared in accordance with OSHA Hazard Communication Standard (20 CFR 1910 1200). All information, recommendations and suggestions contained herein, are based on data believed to be reliable; however, it is the user's responsibility to determine the safety, toxicity and suitability for his own use of the product described herein.

Material Safety Data Sheet

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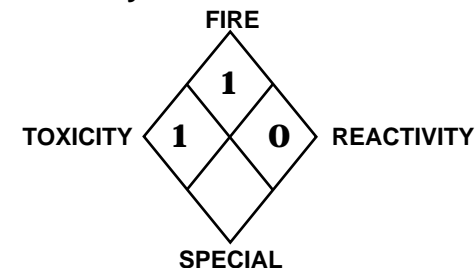
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PRODUCT CODE: FF-SNOW1 & FF-FOAM1

PRODUCT NAME: Elite Snow & Elite Foam

This MSDS is based on the raw materials. These materials are mixed and diluted with approximately 80% water.

HAZARD RATINGS	
N	4- Extreme
F	3- High
P	2- Moderate
A	1- Slight
	0- Insignificant



1. Product Identification

Chemical Name: Surface Active Agents
Common Name: Surfactant Blend
Chemical Formula: Mixture

CAS Number: Mixture

DOT Hazard Class: Combustible Liquid (Ethanol)
DOT ID Number: NA1993
DOT Ship Name: Combustible Liquid, n.o.s. (Ethanol)

24 hour assistance emergency: CHEMTREC 1 (800) 424-9300

EPA TSCA Inventory Status: The components of this product are listed.

2. HAZARDOUS INGREDIENTS

Ingredient	OSHA PEL/ ACGIH TLV	CAS #	Percent
Diethanolamine	3ppm TWA 0.46 ppm TWA (skin)	111-42-2 H/M Cls: T2G	0.41
Ethanol	1000 ppm 1000ppm	64-17-5 H/M Cls: FLM	6.0

3. PHYSICAL DATA

Physical characteristics not mentioned below are deemed to be non-essential in describing the hazardous nature of this product.

Boiling Point: approx. 95 degrees F
Specific Gravity (water=1): 1.03
Vapor Pressure (nm Hg at 20°C): approx. 20
Melting Point: not applicable
Vapor Density (air=1): >1
Solubility in Water: Completely soluble
Evaporation Rate (Butyl Acetate=1): >1
Vapor Pressure (nm Hg at 20°C): less than .005
Appearance and odor: Clear yellow viscous liquid with slight organic odor

4. FIRE & EXPLOSION DATA

EXTINGUISHING MEDIA: Material contains a flammable solvent. If not burning, keep cool with water spray. If burning, use waterfog, foam, dry chemical or CO2 to extinguish.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Danger! Product contains a flammable solvent. Vapors may be released that travel long distances, ignite and flash back. Containers may explode in a fire. Do not expose to heat, sparks, flame or other source of ignition.

SPECIAL FIRE FIGHTING PROCEDURES: Do not enter confined fire space without full bunker gear (helmet, with face shield, bunker coat, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Cool containers with water.

Flashpoint: (PMCC) between 100 and 109 degrees F.

5. REACTIVITY DATA

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon monoxide, corrosive amines, oxides of sulfur and other unidentified organic compounds.

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid contact with strong oxidizing agents or open flames.

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION:
Material is not known to polymerize

STABILITY: Under normal conditions, this material is stable.

6. HEALTH HAZARD DATA

CARCINOGENICITY:

Not listed as carcinogenic by IARC, NTP, OSHA, and ACGIH

EMERGENCY FIRST AID PROCEDURES:

EYES: Flush with large amounts of water for 15 minutes while holding eyelids open. Get medical attention. **SKIN CONTACT:** Wash contacted areas with soap and water thoroughly to remove all residue. If irritation develops, consult a physician. Soaked clothing should be removed immediately! Launder clothing before reuse and discard shoes if they can not be decontaminated. **INHALATION:** Get to fresh air immediately. Administer oxygen if breathing is difficult. Consult physician. **IF SWALLOWED:** Contact a physician immediately.

HEALTH HAZARDS:

This product is a typical surface active agent. It has potential to cause irritation if more than transient contact occurs. It contains a volatile organic solvent. Vapors may cause dizziness, drowsiness, disturbances of vision and tingling or numbness in the limbs. At high vapor concentrations, irritation or burning in the nose and throat and stinging in the eyes may occur. At high concentrations faintness, dizziness, nausea and vomiting may occur.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin conditions such as eczema may be aggravated. Solvent exposure may aggravate kidney or liver diseases.

EFFECTS OF OVEREXPOSURE:

Skin: Prolonged contact will cause irritation or burn. **Eyes:** Short term contact will cause irritation. Prolonged contact may cause irreversible damage to eye. **Inhalation:** Airborne concentrations of dust, mist or spray may cause irritation to the upper respiratory tract or lung tissue.

Depending on the severity of exposure, chemical pneumonia. Inhalation of solvent vapors at above OSHA PEL may produce toxic effects such as dizziness, drowsiness, numbness, faintness, or nausea as described above in Health Hazards. **Ingestion:** This product is not acutely toxic.

7. PRECAUTIONS FOR SAFE HANDLING AND USE

HANDLING AND STORAGE: Avoid excessive heat and open flames and sparks. Maintain adequate ventilation during storage and use of this product to avoid excessive concentrations of solvent vapors.

RELEASE OR SPILL: Dike large spills and scavenge material. small