

MATERIAL SAFETY DATA SHEET

Revision#: 01

Section 1 - Product Identification & Use

Product Name: **Foam Tek**
 Product Use: Concentrated foaming agent used for foam brush attachments.
 WHMIS Classification: Class B3, Flammable materials, Class D2B, Toxic materials
 TDG Classification: Non regulated
 Manufacturer: Advance Chemicals Ltd.
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Section 2 - Hazardous Ingredients

Hazardous Components	%(w/w)	C.A.S. No.	LD ₅₀ & LC ₅₀
Sodium dodecylbenzene sulfonate	10-30	25155-30-0	(oral, rat)438mg/kg
Sodium myrethl sulfate	10-30	025446804	N/A
Laurylamide diethanolamide	3-7	000120401	(oral, rat)2700mg/kg
Ethanol	1-5	64-17-5	(oral, rat)7060mg/kg
Sodium xylenesulfonate	1-5	001300727	(oral, rat) 650mg/kg
Urea prill	1-5	000057136	(oral, rat)8471mg/kg

Section 3 - Physical Data

Physical state: liquid Boiling point: 78.5°C
 Liquid density: 1.06 Freezing point: 7°C
 pH: 6.8 Solubility in water: 100%
 Vapour pressure: 44.05 mm/Hg @ 21°C Evaporation rate: 1.7 compared to Butyl acetate

Odour & Appearance: Product is a clear pale straw liquid solution.

Section 4 - Fire or Explosion Hazard

Flammability: The product is considered to be flammable.
Flammable Limits: Lower: 3.3%, Upper: 19%
Auto-Ignition Temperature: 422°C
Flash Point: Closed Cup: 60°C
Extinguishing media: Use an extinguishing media for surrounding the fire, use dry chemicals, carbon dioxide, alcohol foam or water spray. Use water to cool fire exposed containers to prevent vapour build-up and rupture. Containers should be grounded.
Hazardous Combustion Products: This product may liberate oxides of carbon, nitrogen oxides, and sulfur oxides. Wear self contained breathing apparatus.

Section 5 - Reactivity Data

Stability: Stable.
Incompatible substances: Incompatible with oxidizing agents. Slightly reactive with reducing agents, metals, acids.
Polymerization: Will not occur.
Conditions to Avoid: Excessive heat, open flames and sparks, and oxidizing materials.
Hazardous Combustion Products: This product may thermally decompose to produce oxides of carbon, nitrogen oxides, and sulfur oxides. Carbon monoxide gas is highly toxic if inhaled, and carbon dioxide in sufficient quantities may act as an asphyxiant. Wear self contained breathing apparatus.

Section 6 - Toxicological Properties

Chronic or Other Toxic effects: Ethanol is toxic to the reproductive system. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.
Skin contact: Acts as a skin irritant, may act as a sensitizer.
Eye contact: Hazardous in case of eye contact (irritant).
Inhalation: Mist ay cause severe irritation to the respiratory tract characterized by coughing or shortness of breath.
Ingestion: May cause nausea, vomiting, diarrhea, abdominal pain, and burning of the mouth and esophagus can lead to death.

Section 7 - Preventative Measures

Personal Protective Equipment: Avoid contact with eyes. Wear safety goggles with side shields. It is generally recognized that contact lenses should not be worn when working with chemicals

because contact lenses may contribute to the severity of eye injury. Wear long sleeved shirt, trousers and safety shoes.

Respiratory protection: A respirator is normally not required if this product is used with adequate ventilation.

Ventilation Requirements: General room ventilation is adequate.

Other Measures: An eye wash and safety shower should be located nearby and ready for immediate use.

Action to take for spills & leaks: In case of spill, remove all ignition sources. Provide adequate ventilation. In case of small spill, dilute with water and mop up, or absorb with inert dry material and place in an appropriate waste disposal container. For large spills keep away from heat, keep away from sources of ignition. Absorb with dry earth, sand or other non-combustible material. DO NOT touch spilled material. Wear chemical protective clothing, rubber gloves and suitable respiratory protection. Keep product out of sewers, storm drains, surface run-off water and soil. Restrict access to non-protected personnel. Comply with all government regulations on spill reporting, and handling and disposal of waste.

Disposal methods: Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, provincial and local regulatory agencies to ascertain proper disposal procedures.

Storage & Handling Precautions: Use care and proper equipment when handling this product. All equipment should be properly grounded. Keep container away from excessive heat, sparks and flames. Store in a cool, dry, well ventilated location. Do not store product near incompatible materials. Warning, causes eye irritation. Avoid contact with eyes and repeated contact with skin and clothing. Do not ingest. Keep container tightly closed when not in use. Do not use pressure to empty container. Wash thoroughly after handling. Use with adequate ventilation. Tanks must be grounded and ventilated. Ensure proper electrical grounding procedures are in place during product transfer.

Repair and Maintenance Precautions: Do not cut, grind, weld or drill in, on or near this container.

Other Precautions: Containers, even those that have been emptied, will retain product residue and vapours. Always obey hazard warnings and handle empty containers as if they were full, and dispose of in an approved manner.

Section 8 - First Aid Measures

IF INHALED: Remove victim to fresh air. Give artificial respiration if not breathing. Get immediate emergency medical attention.

IN CASE OF EYE CONTACT: Immediately flush eyes with clean water for at least fifteen (15) minutes, lifting the upper and lower eye lids occasionally. Get immediate emergency medical attention.

IN CASE OF SKIN CONTACT: Flush skin with plenty of clean running water for at least fifteen (15) minutes. Remove contaminated clothing and shoes. Wash and launder clothes before re-use. If irritation persists after washing, seek medical attention.

IN CASE OF INGESTION OR SWALLOWING: If victim is conscious and medical attention is not immediately available, dilute stomach contents by giving large amounts of water or milk. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious victim. Get immediate emergency medical attention.

Section 9 - Preparation Information

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 Prepared: 24 October, 2006