

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION						
NFPA Rating: Health-3; Flammability-0; Reactivity-0; Special- -			HMIS Rating: Health-3; Flammability-0; Reactivity-0; Personal Protection-B			
Manufacturer's Name: LYN DISTRIBUTING Address: 965 North Redwood Road North Salt Lake, Utah 84010			DOT Hazard Classification: Corrosive Material 8 Identity (trade name as used on label): <p style="text-align: center;">FOAM BRITE</p>			
Date Prepared: 05/10/97 Prepared By: STAN			MSDS Number: Revision - 3			
Information Calls: (801)295-5022 EMERGENCY RESPONSE NUMBER: 1(800)366-5022			NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA			
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION						
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)		CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
PHOSPHORIC ACID		7664-38-2	Yes	1mg/m3	1mg/m3	d
HYDROGEN CHLORIDE		7647-01-0	Yes	5	5	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: Not known			Specific Gravity (H2O=1): 1.27			
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A			Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): Not known			
Vapor Density (Air = 1): Not known			Evaporation Rate (water = 1): Not known			
Solubility in Water: Miscible			Water Reactive: No			
Appearance and Odor: Water based clear, non-viscous, green liquid with a mint odor.						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A		Auto Ignition Temperature N/A		Flammability Limits in Air by % in Volume: % LEL: N/A % UEL: N/A		
FLASH POINT AND METHOD USED (non-aerosols): Non-combustible.			SPECIAL FIRE FIGHTING PROCEDURES: Non-combustible. Use clothng & safety equipment as may be suitable for phosphoric acid, hydrochloric acid & materials in the surrounding fire.			
EXTINGUISHER MEDIA: Non-combustible. Use agents as appropriate for materials in surrounding fire.			(Continued from above)			
Unusual Fire & Explosion Hazards: Will liberate flammable hydrogen gas on contact with many metals. Protect personnel against mist, vapor or splashes.						
SECTION 4 - REACTIVITY HAZARD DATA						
STABILITY [X] STABLE [] UNSTABLE			HAZARDOUS POLYMERIZATION [] WILL [X] WILL NOT OCCUR			
Incompatibility (Mat. to avoid): Bases, metals, mercuric sulfate, perchloric acid, carbides, acetylides, phosphides & silicides.			Conditions to Avoid: Excessive heat will volatilize hydrogen chloride (hydrochloric acid) gas.			
Hazardous Decomposition Products: Phosphorus pentoxide, hydrogen gas, chlorine gas, hydrogen chloride gas, unidentified organic compounds, oxides of carbon.						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: [] INHALATION [] INGESTION [X] SKIN ABSORPTION [X] EYE [] NOT HAZARDOUS						
ACUTE EFFECTS: Corrosive material. Severe irritant to all body tissues. Prolonged or repeated contact may damage or destroy body tissues.						
Inhalation: Hydrogen chloride gas, mist & vapor can cause respiratory tract irritation with burning, choking, coughing, headaches, rapid heart beat. High concentrations &/or prolonged contact can cause inflammation & destruction of nasal passages & breathing difficulties, which may be delayed in onset.						
Eye Contact: Liquid or concentrated vapors can cause eye irritation, severe burns & permanent damage including blindness.			Skin Contact: Liquid or concentrated vapors can cause burning of skin. Repeated or prolonged contact can cause irritation & dermatitis.			
Ingestion: Can cause severe burns of mouth, esophagus and stomach. Nausea, pain and vomiting frequently occur. Ulceration, kidney inflammation, shock & unconsciousness can occur.						
CHRONIC EFFECTS: Repeated episodes of tissue damage may result in accumulation of scar tissue.						
Medical Conditions Generally Aggravated by Exposure: Asthma, bronchitis, emphysema & other lung conditions & chronic nose, sinus or throat conditions.						
EMERGENCY FIRST AID PROCEDURES						
Eye Contact: Irrigate with large quantities of water, lifting upper and lower eyelids occasionally. Get immediate medical attention.						
Skin Contact: Remove contaminated clothing & wash skin with large quantities of water. If irritation or other signs of damage persists, get medical attention.						
Inhalation: Remove to fresh air. If breathing stops, give artificial respiration. Get immediate medical attention.						
Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
Respiratory Protection (specify type): Not normally needed at ambient temperatures. Under fire conditions, use approved self-contained breathing apparatus with full face piece.						
Protective Gloves: Neoprene or PVC.			Eye Protection: Chemical goggles, face shield where splashing is possible.			
Ventilation Requirements: As necessary to maintain air concentrations of hydrogen chloride below 5 ppm at all times. Special ventilation is not normally needed.						
Other Protective Clothing & Equipment: Safety showers & eyewash stations. Neoprene or PVC rain suit & boots, if needed.						
Hygienic Work Practices: Avoid contact with skin. Avoid breathing vapors. Do not eat, drink or smoke in work area. Wash hands after handling. Remove contaminated clothing.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
Steps To Be Taken If Material Is Spilled Or Released: Contain spill & prevent run off into ground & surface waters or sewers. Neutralize with soda ash. Recover neutralized products into properly labeled non-leaking containers for proper disposal.						
Waste Disposal Methods: Dispose of in accordance with all local, state and federal regulations.						
Precautions To Be Taken In Handling & Storage: Store in original shipping containers. Keep closed when not in use. Do not store near strong alkalis or other reactive materials. Shelf life 1 year. Protect from extreme heat and cold.						
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read & follow label directions.						

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only