

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-2; Flammability-0; Reactivity-0; Special- -			HMIS Rating: Health-2; Flammability-0; Reactivity-0; Personal Protection-B		
Manufacturer's Name: LYN DISTRIBUTING Address: 965 NORTH REDWOOD ROAD NORTH SALT LAKE, UTAH 84054			DOT Hazard Classification: Corrosive Material, 8 Identity (trade name as used on label): Breakdown concentrate		
Date Prepared: 01/13/97 Prepared By: Stan			MSDS Number: Revision - 2		
Information Calls: (801)295-5022 EMERGENCY RESPONSE NUMBER: 1(800)366-5022			NOTICE: JUDGMENT 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 **
2-BUTOXYETHANOL	111-76-2	Yes	25	25	d
ETHANOLAMINE	141-43-5	No	3(TWA)	3(TWA) 6(STEL)	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS					
Boiling Point: 100°C			Specific Gravity (H₂O=1): 1.00		
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A			Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/D		
Vapor Density (Air = 1): N/D			Evaporation Rate (water = 1): 1.0		
Solubility in Water: Dispersible			Water Reactive: No		
Appearance and Odor: Clear turbid liquid with a butyl 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: Cool fire exposed containers with water spray.		
EXTINGUISHER MEDIA: Any media appropriate for surrounding fire.					
Unusual Fire & Explosion Hazards: Residue remaining after water has evaporated is combustible and can be ignited.					
SECTION 4 - REACTIVITY HAZARD DATA					
STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE			HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR		
Incompatibility (Mat. to avoid): Any material not compatible with water.			Conditions to Avoid: None		
Hazardous Decomposition Products: Oxides of carbon and nitrogen, unidentified organics.					
SECTION 5 - HEALTH HAZARD DATA					
PRIMARY ROUTES OF ENTRY: <input type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS					
ACUTE EFFECTS: Symptoms of Systemic Overexposure: Headache, nausea, vomiting, drowsiness, unconsciousness.					
Inhalation: Vapors may be irritating in high concentrations. Prolonged breathing of non-irritating concentrations may damage liver and/or kidneys.					
Eye Contact: Irritant. Prolonged contact may cause chemical burns.			Skin Contact: Mildly irritating. Prolonged or widespread skin contact may result in absorption of potentially harmful amounts of material.		
Ingestion: May cause chemical burns of the mouth, throat, esophagus and stomach.					
CHRONIC EFFECTS: May possibly result in damage to the liver, kidneys, lungs and red blood cells.					
Medical Conditions Generally Aggravated by Exposure: Asthma, inflammatory or fibrotic pulmonary disease, existing dermatitis.					
EMERGENCY FIRST AID PROCEDURES					
Eye Contact: Immediately flush with water for 15 minutes. If irritation persists, get medical attention.					
Skin Contact: Immediately remove contaminated clothing and flush skin with water.					
Inhalation: Remove to fresh air.					
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): None needed under normal conditions.					
Protective Gloves: Impervious.			Eye Protection: Chemical goggles.		
Ventilation Requirements: Normal room ventilation is usually adequate.					
Other Protective Clothing & Equipment: Impervious clothing as needed to prevent skin contact. Eyewash station and safety shower.					
Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash hands after handling.					
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE					
Steps To Be Taken If Material Is Spilled Or Released: Neutralize spilled material with acetic acid & soak up in an inert absorbent. Dispose of in a legal manner.					
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. 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