

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910:1200. Standard must be consulted for specific requirements

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List) E-40% LIQUID		The information contained herein is based on data Considered accurate: however, no warranty either expressed or implied of any nature with respect to the product or the data is made.	
Section I			
Manufacturer's Name ANIMAL SCIENCE PRODUCTS		Emergency Telephone Number 1-800-424-9300 CHEMTREC	
Address (Number, Street, City, and ZIP Code) FM 1275 SOUTH, NACOGDOCHES, TX, 75963-1408		Telephone Number for Information 1-800-657-2324 ANIMAL SCIENCE PRODUCTS	
P.O. DRAWER 631408		Date Prepared 04/13/94	
		Signature of Preparer (optional)	
Section II-Hazardous Ingredients/Identity Information			
Hazardous Components (Specific Chemical Identity; Common Name) OSHA PEL ACGIH TLV Other limits % (optional) Recommended			
n-propyl alcohol (71-23-8) OSHA PEL TWA 200 ppm; STEL 250 ppm; ACGIH TWA (skin) 200 ppm STEL 250 ppm			
Section III - Physical/Chemical Characteristics			
Boiling Point:	210-240°C	Specific Gravity (H ² O = 1)	1.08-1.12
Vapor Pressure (mm Hg.)	<4 mmHg @ 20°C	Melting Point	NA
Vapor Density (AIR = 1)	>1	Evaporation Rate (Butyl Acetate = 1)	ND
Solubility in water: Appreciable			
Appearance and Odor: Amber to dark colored viscous liquid with slight odor.			
Section IV - Fire and Explosion Hazard Data			
Flash Point (Method Used): May exhibit flash, below 100 degrees F., but will not sustain combustion.	Flammable Limits:	LEL NA	LEL NA
Extinguishing Media: Use extinguishing media appropriate for surrounding area.			
Special Fire Fighting Procedures: Approach fire from upwind side. Avoid breathing smoke, fumes, mist, or vapors on the downwind side. Firefighters wear protective clothing, and self contained breathing apparatus.			
Unusual Fire Fighting and Explosion Hazards: If stored in drums: Containers may rupture from internal pressure if contained to fire area. Cool with water. Get non-emergency personnel out of the area.			

Section V - Reactivity Data		
Stability	Unstable	Conditions to Avoid:
	Stable	XXX
Compatibility (Materials to Avoid): Oxidizers or oxidizing materials. Heat.		
Hazardous Decomposition or Byproducts: From combustion: Smoke, carbon dioxide, carbon monoxide.		
Hazardous Polymerization	May Occur	Conditions to Avoid:
	Will Not Occur	XXX
Section VI - Health Hazard Data		
Route(s) of Entry: Inhalation? Possible Skin? Yes Ingestion? Possible - irritant Eyes? Yes - irritant		
Health Hazards (Acute and Chronic): Acute: Vapors or liquid may be irritating to skin, eyes, mucous membranes. Avoid inhalation or skin/eye contact. Chronic: Unknown.		
Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No		
Signs of Symptoms of Exposure: Prolonged exposure can cause: Nausea, headache, vomiting and narcotic effects (Dizziness, confusion, etc.). Skin irritation develops slowly after contact, eye irritation develops immediately upon contact.		
Medical Conditions Generally Aggravated by Exposure: Pre-existing skin disorders.		
Emergency and First Aid Procedures:		
Eye Contact: Flush eyes with water for 15 minutes. Get medical attention if symptoms develop and persist.		
Skin contact: Flush with water or soap and water for 15 minutes or until all traces have been removed. Seek medical attention if symptoms develop and persist.		
Ingestion: Induce vomiting if victim is conscious by giving water, then stick fingers down throat. Get medical attention. Never give unconscious person anything by mouth.		
Inhalation: Remove victim to fresh air and, if needed, immediately begin artificial respiration. Give oxygen if breathing is labored. Get emergency medical help. Contact a physician immediately.		
Section VII - Precautions for Safe Handling and Use		
Steps to Be Taken in Case Material is Released or Spilled: Pick up with absorbent material.		
Waste Disposal Method: Waste suitable for landfill, flush to sewer with large volumes of water.		
Precautions to Be Taken in Handling and Storing : Store away from oxidizers or materials bearing a yellow "D.O.T." label. Store in a cool place, away from ignition sources, and away from hot surfaces.		
Other Precautions: Clean up leaks/spills immediately to prevent soil or water contamination.		
Section VIII - Control Measures		
Respiratory Protection (Specify Type): Not normally needed under proper conditions of use and storage.		
Ventilation	Local Exhaust: Recommended	Special: Not necessary
	Mechanical (General): Recommended	Other: Not necessary
Protective Gloves: Chemical impervious gloves Eye Protection: Chemical goggles or full face shield.		
Other Clothing or Equipment: Boots, aprons, drench showers, eye wash as needed for protection against spills and/or splashes.		
Work/Hygienic Practices: Avoid contact with skin, eyes, and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown in section VI. Launder contaminated clothing before reuse.		