



Material Safety Data Sheet

Product Identification:		Glycine		
Manufacturer: Pascal Company, Inc. P.O. Box 1478 Bellevue, Washington 98009-1478 Phone Number (for information): 1-425-827-4694 Emergency Phone Number: 1-425-827-4694 Fax Number: 1-425-827-6893		MSDS Number* CAS Number 56-40-6 Date Prepared: March 16, 2005		
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION				
Components - Chemical Name & Common Name (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	%*	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Glycocol (Dust explosion hazard)	100	N/A	N/A	Oral rat LD ₅₀ 7930mg/kg.
TOTAL:				
SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS				
Boiling Point: N/A		Specific Gravity (H ₂ O=1): N/A		
Vapor Pressure (mm Hg and Temperature): No information found		Melting Point: 182C (360F) Begins to decompose @ 238C (460F)		
Vapor Density (AIR=1): No Information found		Evaporation Rate (_____ - 1): N/A		
Solubility in Water: 25g/100mL water @ 25C (77F)		Water Reactive: N/A		
Appearance and Odor: White Crystals, odorless				
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA				
Extinguisher Media: Water, CO ₂ , Dry Chemical		Flammability Limits in Air % by Volume: LEL UEL - N/A		
Special Fire Fighting Procedures: Full protective clothing. Self Contained Breathing Apparatus.		Flash Point and Method Used: N/A		
Unusual Fire and Explosive Hazards: None		Auto-ignition Temperature: N/A		
SECTION 4 - REACTIVITY HAZARD DATA				
Stability: Stable		Conditions to Avoid: No information found		
Incompatibility (Materials to Avoid): None Known Hazardous				
Decomposition Products: Carbon Dioxide & Carbon Monoxide when heated to decomposition				
Hazardous Polymerization: Will Not Occur				
SECTION 5 - HEALTH HAZARD DATA				
Primary Routes of Entry: <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion <input type="checkbox"/> Skin Absorption				
Carcinogen Listed In NTP: No OSHA: No IARC Monograph: No				
Health Hazards (Acute and Chronic)				
Skin: Prolonged or repeated exposure may cause slight skin irritation; may cause itching. Eyes: Dust may irritate eyes. Ingestion: Large doses may cause nausea. Observations in animals include weight and growth reduction following high dietary doses. Effects have been reported on the following organs: Kidney.				
Inhalation: Respiratory irritation.				
Emergency and First Aid Procedures: Seek medical assistance for further treatment, observation and support if necessary.				
Eye Contact: Flush immediately with water. Get immediate medical attention.				
Skin contact: Wash with soap and water. If irritation persists, get medical attention.				
Inhalation: Remove to fresh air. If breathing is difficult, get medical attention.				
Ingestion: Drink large amounts of water. If large amounts were swallowed, seek immediate medical attention.				
Medical conditions that may be aggravated by exposure: No information found.				
SECTION 6 - CONTROL AND PROTECTIVE MEASURES				
Respiratory Protection (Specify Type); Particulate respirator if area is not well ventilated.			Protective Gloves: Optional	
Eye Protection: Recommended				
Ventilation To Be Used: <input checked="" type="checkbox"/> Local Exhaust:		<input type="checkbox"/> Mechanical (general): NA		<input type="checkbox"/> Special: NA
Protective Clothing And Equipment: N/A		Hygienic Work Practices: Normal		
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES				
Store in a cool, dry place.				
Steps to be Taken if Material is Spilled Or Released: Wipe Up Spills. Clean Floors With Water.				
Waste Disposal Methods: Normal Quantities May Be Washed Down Sink or in disposed in trash.				
Precautions to be Taken in Handling and Storage: Avoid Spilling Or Getting Into Eyes.				
Other Precautions and/or Special Hazards: None				
NFPA: Rating* ____ Health ____ Flammability ____ Reactivity ____ Special ____				
HMIS Rating*: Health <u>1</u> Flammability <u>1</u> Reactivity <u>0</u> Personal Protection <u>A</u>				

* Optional

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