

<b>Material Safety Data Sheet</b> May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.			<b>U.S. Department of Labor</b> Occupational Safety and Health Administration(Non-Mandatory Form) Form Approved OMB No. 1218-0072				
<b>IDENTITY</b> (As used on Label and list) - <b>GKNOCK BG</b>			Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.				
<b>SECTION I</b>							
Manufacturer's Name <b>PILOT CORPORATION</b>			Telephone Number <b>03-3538-3700</b>				
Address(Number, Street, City State & Zip) <b>2-6-21, Kyobashi 2- Chuoku</b>			Fax Number <b>03-3538-3909</b>				
<b>Tokyo,104-8304 Japan</b>			Date Prepared <b>2/13/08</b>				
			Prepared by				
<b>Section II - Hazardous Ingredients/Identity Information</b>							
Hazardous Components(Specific Chemical Identity;Common Name(s))				OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
NAME	CAS. NO.	TLV(PPM)	WT. (%)	COMPONENT			
<b>Triethanolamine</b>	<b>102-71-6</b>		<b>1.5~5.0</b>				
<b>Etylene Glycol</b>	<b>107-21-1</b>		<b>20.0~24.0</b>				
<b>Section III - Physical/Chemical Characteristics</b>							
Boiling Point <b>N.D.</b>						PH	
Vapor Pressure(mm Hg) <b>ND</b>						Melting Point	
Vapor Density(Air=1)				<b>1.10-1.12</b>		Evaporation Rate (Butyl Acetate = 1)	
Solubility in Water <b>Soluble</b>							
Appearance and Odor <b>Writing instrument, No smell</b>							
<b>Section IV - Fire and Explosion Hazard Data</b>							
Flash Point(Method Used) <b>Boils without flashing</b>				Flammable Limits <b>N.D.</b>		LEL <b>N.D.</b>	UEL <b>N.D.</b>
Extinguishing Media <b>ND</b>							
Special Fire Fighting Procedures <b>Use foam Carbon Dioxide, Dry Chemical powder..</b>							
Autoignition Temp. <b>N.D..</b>							
Unusual Fire and Explosion Hazards							
<b>Section V- Storage Hazards</b>							
Stability		Stable		<b>X</b>		Conditions to Avoid <b>None</b>	
Incompatibility (Materials to Avoid)		<b>N.A.</b>					
Hazardous Decomposition or Byproducts		<b>N.A.</b>					
Hazardous Polymerization		May Occur				Condition to Avoid	
		May Not Occur		<b>X</b>		<b>None</b>	
<b>Section VI - Health Hazard Data</b>							
				Skin?		Ingestion?	

Route(s) of Entry: <i>None</i>	Inhalation? <i>N.A.</i>	
Health Hazards(Acute and Chronic) <i>N.D.</i>		
Signs and Symptoms of Exposure <i>N.D.</i>		
Medical Conditions		
Generally Aggravated by Exposure		
Emergency and First Aid Procedures ; <b>Inhalation</b> : <i>Remove patient from area to fresh air ; remove material with blotting paper.</i> <b>Eyes</b> : <i>Rinse with clean water, consult medical</i> <b>Skin</b> : <i>Wash with soap &amp; water</i> <b>Ingestion</b> : <i>Dispense generous amounts of liquid.</i>		
<b>Section VII - Precautions for Safe Handling and Use</b>		
Steps to Be Taken in Case Material is Released or Spilled		
<i>Absorb spill with material (cloth or paper)</i>		
Waste Disposal		
<i>In accordance with National, State and Local regulations.</i>		
Precautions to Be Taken in Handling and Storing		
<i>Store in well-ventilated and cool places. Separate from source of ignition.</i>		
Other Precautions		
<i>Inspect for leakage.</i>		
<b>Section VIII - Control Measures</b>		
Respiratory Protection(Specify Type)		
Ventilation	Local Exhaust <i>Not Required</i>	Special <i>Not Required</i>
	Mechanical(General) <i>Not Required</i>	Other <i>Not Required</i>
Protective Gloves <i>Rubber or polyethylene gloves</i>	Eye Protection <i>Glasses.</i>	
Other Protective Clothing or Equipment		
Work/Hygienic Practices <i>After handling, wash hands well with soap and water</i>		

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