

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) - GKNOCK BG				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.			
SECTION I							
Manufacturer's Name PILOT CORPORATION				Telephone Number 03-3538-3700			
Address(Number, Street, City State & Zip) 2-6-21, Kyobashi 2- Chuoku				Fax Number 03-3538-3909			
Tokyo,104-8304 Japan				Date Prepared 2/13/08			
				Prepared by			
Section II - Hazardous Ingredients/Identity Information							
Hazardous Components(Specific Chemical Identity;Common Name(s))				OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
NAME	CAS. NO.	TLV(PPM)	WT. (%)	COMPONENT			
Triethanolamine	102-71-6		1.5~5.0				
Etylene Glycol	107-21-1		20.0~24.0				
Section III - Physical/Chemical Characteristics							
Boiling Point N.D.						PH	
Vapor Pressure(mm Hg) ND						Melting Point	
Vapor Density(Air=1)				1.10-1.12		Evaporation Rate (Butyl Acetate = 1)	
Solubility in Water Soluble							
Appearance and Odor Writing instrument, No smell							
Section IV - Fire and Explosion Hazard Data							
Flash Point(Method Used) Boils without flashing				Flammable Limits N.D.		LEL N.D.	UEL N.D.
Extinguishing Media ND							
Special Fire Fighting Procedures Use foam Carbon Dioxide, Dry Chemical powder..							
Autoignition Temp. N.D..							
Unusual Fire and Explosion Hazards							
Section V- Storage Hazards							
Stability					Conditions to Avoid		
	Stable		X		None		
Incompatibility (Materials to Avoid)	N.A.						
Hazardous Decomposition or Byproducts	N.A.						
Hazardous Polymerization	May Occur				Condition to Avoid None		
	May Not Occur		X				
Section VI - Health Hazard Data							
				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 ; Inhalation : <i>Remove patient from area to fresh air ; remove material with blotting paper.</i> Eyes : <i>Rinse with clean water, consult medical</i> Skin : <i>Wash with soap & water</i> Ingestion : <i>Dispense generous amounts of liquid.</i>		
Section VII - Precautions for Safe Handling and Use		
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>		
Section VIII - Control Measures		
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	Eye Protection	
<i>Rubber or polyethylene gloves</i>	<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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