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Material Safety Data S	U.S. Department of Labor							
May be used to comply with			Occupational Safety and Health Administration(Non-					
OSHA's Hazard Communication Standard			Mandatory Form)					
29 CFR 1910.1200. Standard must be			Form Approved					
consulted for specific requirements.			OMB No. 1218-0072					
IDENTITY (As used on Label and list) -			Note: Blank spaces are not permitted. If any item is not					
VBALL BG			applicable, or no information is available, the space must be marked to indicate that.					
LBG5,- LBG52, LBG5	54							
BLK, BLU, RED								
SECTION I								
Manufacturer's Name			Telephone Number					
PILOT CORPORATION			03-3538-3700					
Address(Number, Street, City	Fax Number							
6-21, Kyobashi 2- chome chuo-ku			03-3538-3909					
Tokyo,104-8304 Japan	Tokyo 104-8304 Japan			Date Prepared 10/1/07				
z onyo,zot-ooot supun			Prepared by					
Section II - Hazardous	Ingredients/Id	dentity Info	1 ,					
Hazardous Components (Specific Chemical Identity: Common Name(s)) OSHA PEL, ACGIH Other Limits 0								
	1					TLV Recommended (optional)		
NAME	CAS. NO.	TLV(PPM)		T. (%)		COMPONENT		
Triethanolamine	102-71-6	ļ	1	.0				
Section III - Physical/C	Chemical Char	acteristics						
Boiling Point <i>N.D.</i>						PH		
Vapor Pressure(mm Hg) N.				Melting Point				
Vapor Density(Air=1) N.D.				Evaporation Rate (Butyl Acetate = 1)				
Solubility in Water <i>N.D.</i>				,		· · · · · · · · · · · · · · · · · · ·		
Appearance and Odor <i>Writi</i>	ng Instrument	No smell.						
Section IV - Fire and E								
Flash Point(Method Used) N		1	able Limits <i>N</i> .	D.		LEL N.D. UEL N.D.		
Extinguishing Media <i>In cas</i>		vater sprav.fo	oam.dry chei	mical now	der or c	arbon dioxide		
Special Fire Fighting Proced		weer sprayy	,	nous po m				
Autoignition Temp. <i>N.D.</i> .								
Autorginuon Temp. 11.D								
Unusual Fire and Explosion 1	Hazards							
Chasaar i ne ana Expresion	i iazai us							
Section V Storage Har	zarde							
Section V- Storage Hazards Stability Unstable Conditions to Avoid								
Stability	Unstable Stable		<u> </u>	X	Conc			
T (11.11)	Stable			Λ		None		
Incompatibility (Materials to Avoid)	<i>N</i>	A.						
Hazardous Decomposition	<i>N</i>	A.						
or Byproducts Hazardous Polymerization						Condition to Avoid		
	May Occur			X 7	\dashv	None		
	May Not Occur			X		110110		

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Section VI - Health H	azard Data		
Route(s) of Entry: <i>None</i>	Inhalation? N.A.	Skin?	Ingestion?
Health Hazards(Acute and C	Chronic) N.D.		
Signs and Symptoms of Exp	oosure <i>N.D</i> .		
Medical Conditions			
Generally Aggravated by Ex	xposure <i>N.D</i> .		
• •		•	plenty of water, consult medical. Skin:
Wash with soap & wat	er Ingestion: Drink mil	k and consult medi	cal
Section VII - Precauti			
Steps to Be Taken in Case N	*		
Flush with water, soak	up with absorbent m	aterials.	
Waste Disposal			
In accordance with Na		al regulations.	
Precautions to Be Taken in	Handling and Storing		
None			
Other Precautions			
None			
Section VIII - Control	Measures		
Respiratory Protection(Spec	cify Type) Not Required		
Ventilation	Local Exhaus	st <i>Not Required</i>	Special Not Required
	Mechanical(General) <i>Not Required</i>	Other Not Required
Protective Gloves		Eye Protection	
Rubber or polyethyrene glo		Goggles.	
Other Protective Clothing of	r Equipment		
Not required Work/Hygienic Practices			
After handling, wash hand	s well with soap and water		

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