

# MATERIAL SAFETY DATA SHEET

Effective: 06/06/2001

12 4786-82

I-Chemical Product and Company Identification	Product Name <b>UC-33</b>	UPC# 7-74205-55376-9	Emergency (800)831-9889
	Product Code <b>32533464</b>	SCC# 10-7-74205-55376-6	Medical (Collect) (303)592-1024
	Distributor <b>DiverseyLever Institutional</b>		Chemtrec (800)424-9300
	Manufacturer <b>JOHNSONDIVERSEY INC.</b>		Printed <u>08/20/2003</u>
	3630 E. KEMPER RD CINCINNATI	OH 45241-2046	
Chemical Family <b>HEAVY DUTY DEGREASER</b>			
II-Composition/Information on Ingredients	Chemical Name of Hazardous Ingredient	%	Exposure Limits
	<b>DIPROPYLENE GLYCOL METHYL ETHER (34590-94-8)</b>	<4	TLV 600S; PEL 600; STEL 900
	<b>SODIUM HYDROXIDE (1310-73-2)</b>	<1	TLV 2, PEL 2
	<b>POTASSIUM HYDROXIDE (1310-58-3)</b>	<5	TLV 2, PEL 2
III-Hazards Identification	Signs and Symptoms of Exposure		
	Acute	<b>CAUSES EYE DAMAGE. MAY CAUSE SKIN BURNS. HARMFUL IF SWALLOWED.</b>	
	Chronic	<b>SAME AS ACUTE</b>	
	HMIS: Health 2 Flammability 0 Reactivity 0 Personal Protection B		
	Conditions Aggravated <b>SENSITIVE SKIN AND EYES.</b>		
	Carcinogen Info <b>NONE</b> NTP IARC OSHA		
	Target Organs or Systems <b>EYES, SKIN AND MUCOUS MEMBRANES</b>		
Routes of Exposure: Inhalation <input checked="" type="checkbox"/> Skin <input type="checkbox"/> Ingestion <input checked="" type="checkbox"/>			
IV-First Aid Measures	Inhalation	<b>REMOVE TO FRESH AIR.</b>	
	Eyes	<b>FLUSH THOROUGHLY WITH FRESH WATER, FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.</b>	
	Skin	<b>FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER REMOVE CONTAMINATED CLOTHES AND SHOES</b>	
	Ingestion	<b>GIVE WATER, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.</b>	
V-Fire Fighting Measures	Fire Control Measures/Equipment	<b>NONE</b>	
	Flammable Property Info	<b>NONE KNOWN</b>	
	Explosion Info	<b>NONE</b>	
	Extinguishing Media	<b>CO2, FOAM, DRY CHEMICALS</b>	
	Gases	<b>NONE</b>	

Send To:  
**S. FREEDMAN & SONS**  
 3322 PENNSY DR  
 LANDOVER MD 20785



VI - Accidental Measures	<p>Spill and Leak Clean Up Procedures</p> <p><b>WIPE UP SMALL AMOUNTS OR FLUSH TO DRAIN; COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER.</b></p> <p>Environmental Precautions <b>DO NOT DISCHARGE UNTREATED TO LAKES AND STREAMS.</b></p>
VII - Handling and Storage	<p>Ventilation Required? <b>NO</b> Instructions <b>NORMAL AIR DILUTION</b></p> <p>Safe Storage, Handling and Use <b>KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP FROM FREEZING. IF FROZEN, RETURN TO PRODUCING PLANT. DO NOT PRESSURE CONTAINER TO EMPTY.</b></p> <p>Instructions</p> <p>Incompatible Materials <b>ACIDS, OXIDIZING AGENTS</b></p>
VIII - Exposure Controls/ Personal Protection	<p>Protective Gloves <b>RUBBER OR CHEMICAL RESISTENT</b></p> <p>Eye Protection <b>SAFETY GLASSES WITH SIDE SHIELDS</b></p> <p>Respiratory Protection <b>NONE</b></p> <p>Other Protective Clothing/Equipment <b>EYE WASH IN USE AREA.</b></p>
IX - Physical and Chemical Properties	<p>Characteristics of Hazardous Chemical</p> <p>Vapor Pressure <b>17.5 mmHg@20 °C</b> Vapor Density (Air=1) <b>N/A</b> pH <b>11.76</b> Water Solubility <b>100 %</b></p> <p>Appearance &amp; Odor <b>CLEAR YELLOW LIQUID; MILD SOLVENT ODOR</b></p> <p>Boiling Point <b>215 °F</b> Melting Point <b>°F</b> Flammability Limits in Air by Volume: Upper <b>NONE</b> Lower <b>NONE</b></p> <p>Flash Point <b>NONE °F</b> Auto Ignition <b>N/A °F</b> Oxidizing Properties</p> <p>Specific Gravity <b>1.120</b> Volatile by Volume <b>&lt;78 %</b></p> <p>Evaporation Rate(n-Butyl Acetate=1) <b>&gt;1</b></p>
X - Stability and Reactivity	<p>Peroxide, Pyrophoric, Unstable or Water Reactive <b>NONE</b></p> <p>Reactivity and Hazardous Polymerization <b>NONE</b></p> <p>Possible Hazardous Reactions <b>NONE KNOWN</b></p> <p>Conditions to Avoid</p> <p>Materials to Avoid <b>PETROLEUM SOLVENTS AND CONCENTRATED ACIDS.</b></p> <p>Hazardous Decomposition Products <b>CO, SO2 WITH INCOMPLETE COMBUSTION.</b></p>
XI - Toxicological Information	
XII - Ecological Information	<p>Possible Effects and Environmental Fate <b>UNKNOWN</b></p> <p>Degradability <b>ALL DETERGENTS ARE BIODEGRADABLE</b></p> <p>Aquatic Toxicity <b>UNKNOWN</b></p>
XIII - Disposal Considerations	<p>Method of Disposal, Residues and Safe Handling <b>PH ADJUSTMENT; CONTAINS PHOSPHATES. USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE WITH WATER, DISPOSE TO INDUSTRIAL OR SANITARY SEWER. REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL.</b></p> <p><b>ALL CHEMICAL COMPONENTS ARE LISTED ON TSCA INVENTORY.</b></p> <p>Disposal of Contaminated Material <b>AS FOR WASTE</b></p>
XIV - Transport Information	<b>COMPOUNDS, CLEANING, N.O.J., LIQUID</b>
XV - Regulatory Information	<b>UNKNOWN</b>
XVI - Other Information	<b>NA</b>
S.A.R.A. Title III Section 313	<b>NONE</b>
State Right to Know Information	<p><b>DIPROPYLENE GLYCOL METHYL ETHER - CAS #34590-94-8</b></p> <p><b>WATER - CAS #7732-18-5</b></p> <p><b>BENZENESULFONIC ACID, DODECYL POTASSIUM SALT - CAS #27177-77-1</b></p> <p><b>SODIUM ALPHA OLEFIN SULFONATE - CAS #68439-57-6</b></p>