

MATERIAL SAFETY DATA SHEET

Printed 07/30/2002

	Product Name PRO CLEAN FSA PINE OIL CLEANER						Fillited 07/30/2002			
I	Product Name	Emergency (800)831-9889								
	Product Code 09398270 UPC-A 041493763065 SCC 10041493763062						Medical(Collect) (303)592-1024			
Chemical Product and Company	Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046						Chemtree)424-9300	
Indentification							Date 12/16/1999			
	Chemical Family	LIQUID CI	LEANER							
	Chemical Name of Hazardous Ingredient				% Exposure Limits Units					
	DIPROPYLENE GLYCOL METHYL ETHER			<3 TLV 600S;PEL 600;STEL 900 MG/M3			MG/M3			
II	(34590-94-8)									
Composition/ Information on Ingredients										
	Signs U and T E Symptoms C Of H R Exposure	DEFATS SKIP IF SWALLOV		BE HARN	IFUL					
III	III Exposure o									
Hazards	I C									
Identification	HMIS: Health 2 Flammability 0 Reactivity 0 Personal Protection B									
	Conditions Aggravated SENSITIVE SKIN; MAY AGGRAVATE DERMATITIS									
	Carcinogen Info	NONE					NTP IARC		OSHA	
	Target Organs or System									
	Routes of Exposure: Inhalation X Skin X Ingestion X									
	Inhalation REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.									
IV	Eyes IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER. GET MEDICAL ATTENTION.									
First Aid Measures	Skin FLUSH WITH FRESH WATE, WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES.									
	Ingestion GIVE WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.									
V	Fire Control Measures/ Equipment	NONE KNOV	VN							
	Flammable Property Info									
Fire Fighting Measures	Explosion Info NONE KNOWN									
	Extinguishing Med	ia CO2, DRY	CHEMICALS, WATER, V	WATER FO	OG					
	Gases									

VI Accidental Measures	Spill and Leak Collect And Return Large amounts to Container. Rinse area with Water. Not an RCRA HAZARDOUS WASTE. Procedures CERCLA PRODUCT RQ = NO REPORTABLE QUANTITY								
	Environmental Precautions								
	Ventilation Required? NO Instructions NORMAL AIR DILUTION								
VII Handling and Storage	Safe Storage, Handling and Use Instructions KEEP CONTAINER CLOSED WHEN NOT IN USE, KEEP FROM FREEZING. STORE BETWEEN 40 - 100 DEGREES F. KEEP OUT OF THE REACH OF CHILDREN.								
	Imcompatible Materials								
	Protective Gloves RUBBER, PVC, OR CHEMICAL RESISTANT								
VIII	Eye Protection SAFETY GLASSES WHEN HANDLING								
Exposure Controls/ Personal Protection	Respiratory USUALLY NOT REQUIRED. Protection								
	Other Protective EYE WASH, CLOTHING TO PREVENT PROLONGED SKIN CONTACT. Clothing Equipment								
IX	Characteristics o of Hazardous Chemcial								
	Vapor Pressure 17.5 MmHg@ 20 °C Vapor Density(Air=1) N/A pH Water Solubility 100 %								
	Appearance & Odor CLEAR YELLOW LIQUID; PINE ODOR								
Physical and Chemical Properties	Boiling Point 215 °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE Flash Point NONE °F Auto Ignition N/A °F Oxidizing Properties								
	Specific Gravity 1.007 Volatile by Volume 70 %								
	Evaporation Rate(n-Butyl Acetate=1) <1								
	Peroxide, Pyrophoric, Unstable or Water Reactive NONE								
	Reactivity and Hazardous Polymerization NONE								
X	Possible Hazardous Reactions								
Stability and	Conditions to Avoid								
Reactivity	Materials DO NOT MIX PRODUCT WITH OXIDIZING AGENTS OR POWDERED To Avoid CHLORINATED CLEANERS OXIDES OF CARDON AND MEROGEN.								
	Hazardous OXIDES OF CARBON AND NITROGEN Decomposition Products								
XI Toxicological Information									
XII	Possible Effects and Environmental Fate								
Ecological	Degradability								
Information	Aquatic Toxicity								
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling Method of Disposal, Residues and Safe Handling USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE CONTAINER WITH WATER, ADD TO OPERATION. DEFACE OR REMOVE CONTAINER LABEL BEFORE SELLING OR DISPOSAL. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.								
	Disposal of OXIDES OF CARBON AND NITROGEN Contaminated Material								
XIV Transport Information	COMPOUNDS, CLEANING, N.O.I., LIQUID								
XV-Regulatory Information									
XVI-Other Information S.A.R.A.	N/A								
S.A.R.A. Title III Section 313									
State Right to Know Information	WATER - CAS #7732-18-5 DIPROPYLENE GLYCOL METHYL ETHER - CAS #34590-94-8 ETHOXYLATE ALCOHOL SURFACTANT - CAS #68002-97-1 OLEIC ACID -CAS #112-80-1 PINE OIL - CAS #8002-90-3								