

MATERIAL SAFETY DATA SHEET

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I Chemical Product and Company Indentification II Composition/ Information on Ingredients	Product Name ADVANCE PINE CLEANER Product Code 65212000 UPC-A 363652120008 SCC 10363652120005 Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046 Chemical Family LIQUID WAREWASHING CLEANER Chemical Name of Hazardous Ingredient % Exposur NONE	Emergency (800)831-9889 Medical(Collect) (303)592-1024 Chemtree (800)424-9300 Date 03/08/1999 e Limits Units	
	CAUSES EYE IRRITATION. MAY BE HARMFUL IF SWALLOWED Signs U).	
III Hazards Identification	and TESymptoms COOK HEST SAME AS ACUTE Exposure ROOK NOTE SAME AS ACUTE		
	HMIS: Health 1 Flammability 0 Reactivity 0 Personal Protection B Conditions Aggravated SENSITIVE SKIN		
	Carcinogen Info NONE	NTP IARC OSHA	
	Target Organs or System		
	Routes of Exposure: Inhalation Skin Ingestion X		
	Inhalation N/A IN NORMAL OPERATION.		
IV	Eyes FLUSH THOROUGHLY WITH FRESH WATER, GET MEDICAL ATTENTION IF IRRITATION CONTINUES.		
First Aid Measures	Skin FLUSH WITH FRESH WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. Ingestion GIVE WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.		
V	Fire Control NONE KNOWN. SPILLED PRODUCT MAY CAUSE SLIPPERY SURFACES. Measures/ Equipment Flammable Property Info Explosion Info NONE KNOWN		
Fire Fighting Measures			
	Extinguishing Media CO2, WATER, DRY CHEMICAL, FOAM		
	Gases		

VI Accidental Measures	Spill and Leak Clean UP Procedures CERCLA PRODUCT RQ = NO REPORTABLE QUANTITY CONTAIN SPILL. MOP UP OR FLUSH SMALL AMOUNTS TO SANITARY DRAIN. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER. RINSE AREA WITH WATER. NOT AN RCRA HAZARDOUS WASTE. 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. KEEP FROM FREEZING. DO NOT STORE WITH FOOD. KEEP OUT OF THE REACH OF CHILDREN.		
	Imcompatible Materials		
	Protective Gloves ALKALINE RESISTANT		
VIII	Eye Protection SAFETY GOGGLES OR SIDE SHIELDED SAFETY GLASSES Respiratory Protection NONE		
Exposure Controls/ Personal Protection			
	Other Protective CLOTHING TO PREVENT PROLONGED SKIN CONTACT Clothing Equipment		
	Characteristics o of Hazardous Chemcial		
IX	Vapor Pressure 17.5 MmHg@ °C Vapor Density(Air=1) N/A pH Water Solubility 100 % Appearance & Odor CLEAR GREEN LIQUID; PINE ODOR		
Physical and Chemical	Boiling Point 215 °F Melting Point °F Flammability Limits in Air By Volume: Upper N/A Lower N/A		
Properties	Flash Point NONE °F Auto Ignition NONE °F Oxidizing Properties		
	Specific Gravity 1.06 Volume <85 %		
	Evaporation Rate(n-Butyl Acetate=1) <1		
	Peroxide, Pyrophoric, Unstable or Water Reactive NONE Reactivity and Hazardous Polymerization NONE KNOWN		
X	Reactivity and Hazardous Polymerization NONE KNOWN Possible Hazardous Reactions		
	Conditions to Avoid		
Stability and Reactivity	Materials STRONG OXIDIZERS To Avoid Hazardous OXIDES OF CARBON, NITROGEN, AND PHOSPHORUS Decomposition Products		
VI			
XI Toxicological Information			
XII	Possible Effects and Environmental Fate		
Ecological	Degradability		
Information	Aquatic Toxicity Maked of LIST LISTED LESS THAN ONE DICH DEMANUS DI CONTAINED EMPRY		
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 WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE CONTAINER LABEL BEFORE SELLING OR DISPOSAL. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. ADJUST PH; CONTAINS PHOSPHORUS. CONTAINS BIODEGRADABLE DETERGENTS.		
	Disposal of OXIDES OF CARBON, NITROGEN, AND PHOSPHORUS Contaminated Material		
XIV	COMPOUNDS, CLEANING, N.O.I., LIQUID		
Transport Information			
XV-Regulatory Information XVI-Other Information			
S.A.R.A. Title III Section 313	ALL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.		
State Right to Know Information	WATER - CAS #7732-18-5 PINE OIL - CAS #8002-09-3 SODIUM AMINOTRIMETHYL PHOSPHONATE - CAS #2235-43-0 SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4 EXTHOXYLATED ALCOHOL SURFACTANT - CAS #68002-97-1 POTASSIUM ALKYLDICARBOXYLATE - CAS #68127-33-3		