

MATERIAL SAFETY DATA SHEET

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I	Product Name ADVANCE OVEN CLEANER						Emergency (800)831-9889			
	Product Code 65208000 UPC-A 363652080005 SCC 10363652080002						Medical(Collect) (303)592-1024			
Chemical Product and Company	Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046						Chemtree (800)424-9300			
Indentification							Date	Date 08/11/1998		
	Chemical Family ALKALINE OVEN CLEANER									
	Chemical Name of Hazardous Ingredient				% Exposure Limits Units			Units		
II Composition/ Information on Ingredients	2-BUTOXYETHANOL (111-76-2)				10		LV 120 S; PEL 120 S MG/M3			
	SODIUM HYDROXIDE (1310-73-2)				5	TIVC	2: PEL C 2		MG/M3	
	SODION INDROADD (1310-13-2)					ILV C	. TED © 2		Majira	
	Signs and T Symptoms C									
III	of H SAME AS ACUTE Exposure R O N I									
Hazards Identification	C HMIS: Health 3 Flammability 0 Reactivity 0 Personal Protection C									
ideitaiteatoii	Conditions Aggravated SENSITIVE SKIN AND EYES. MAY AGGRAVATE RESPIRATORY DISEASE.									
	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 FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.									
First Aid Measures	Skin FLUSH WITH FRESH WATER FOR AT LEAST 15 MINUTES. WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND SHOES. GET MEDICAL ATTENTION FOR INJURED SKIN.									
	Ingestion GIVE WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.									
V Fire Fighting Measures	Fire Control WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND Measures/ SELF-CONTAINED BREATHING APPARATUS. Equipment									
	Flammable Property Info									
	Explosion Info CORROSIVE OR STRONGLY ALKALINE LIQUID. CONCENTRATE PRODUCT SOLUTION IN CONTACT WITH ALUMINUM RELEASES HYDROGEN GAS.									
	Extinguishing Media CO2, FOAM, DRY CHEMICALS, WATER									
	Gases									

VI Accidental Measures	Spill and Leak Clean UP Procedures STOP LEAKS AND CONTAIN SPILLS. LIQUIDS SHOULD BE VACUUMED UP OR ABSORBED WITH CLAY OR SAND. PLACE WASTE IN APPROPRIATE COVERED CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE MINERAL ACIDS OR SODIUM BICARBONATE AND FLUSH AREA WITH WATER. CERCLA PRODUCT RO = 8,333 LBS OR 943 GALLONS									
	Environmental Precautions A DEGULATE MENTAL ATTOM									
	Ventilation Required? NO Instructions ADEQUATE VENTILATION									
VII	Safe Storage, KEEP CONTAINER CLOSED. KEEP AWAY FROM ACIDS. DO NOT STORE WITH Handling FOOD. KEEP OUT OF THE REACH OF CHILDREN.									
Handling and Storage	and Use Instructions									
	Imcompatible Materials									
	Protective Gloves ALKALI RESISTANT									
VIII	Eye Protection FACE SHIELD, SIDE SHIELD SAFETY GLASSES									
Exposure Controls/ Personal Protection	Respiratory Protection Respiratory Protection USUALLY NOT REQUIRED. WEAR NIOSH ALKALINE CARTRIDGE RESPIRATOR IF TLV/PEL LIMITS ARE EXCEEDED.									
	Other Protective Clothing Equipment EYE WASH/SAFETY SHOWER. CHEMICALY IMPERVIOUS CLOTHING AND FOOTWEAR TO PREVENT SKIN CONTACT.									
	Characteristics o of Hazardous Chemcial									
IX Physical and Chemical Properties	Vapor Pressure 17.5 MmHg@ 20 °C Vapor Density(Air=1) N/A pH Water Solubility 100 %									
	Appearance & Odor CLEAR LIGHT BROWN LIQUID; SOLVENT ODOR									
	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 1.06 Volatile by Volume 90 %									
	Evaporation Rate(n-Butyl Acetate=1) <1									
	Peroxide, Pyrophoric, Unstable or Water Reactive NONE									
v	Reactivity and Hazardous Polymerization NONE									
X	Possible Hazardous Reactions Conditions to Augid									
Stability and Reactivity	Conditions to Avoid Materials FLAMMABLE LIQUIDS, ORGANIC HALOGENS, CONCENTRATED ACIDS, OR To Avoid SOFT METALS.									
	Hazardous OXIDES OF CARBON 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 ALL CHEMICAL COMPOUNDS ARE ON TSCA INVENTORY. 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 NO PHOSPHORUS. ALL CHEMICAL COMPOUNDS ARE ON TSCA INVENTORY.									
	Disposal of Contaminated Material OXIDES OF CARBON									
XIV Transport Information	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (SODIUM HYDROXIDE),8, UN3266,PG III, LTD. QTY., ERG NO. 60, NAERG NO. 154									
XV-Regulatory Information										
XVI-Other Information	CONTAINS 2-BUTOXYETHANOL(CAS#111-76-2) AT 10%									
S.A.R.A. Title III Section 313	CONTAINS 2-BUTOATETHANOL(CAS#III-70-2) AT 10/0									
State Right to Know Information	WATER- CAS#7732-18-5 ETHYLENE GLYCOL BUTYL ETHER- CAS#111-76-2 SODIUM HYDROXIDE- CAS#1310-73-2 SODIUM ALPHA OLEFIN SULFONATE- CAS#68439-57-6 SODIUM GLUCONATE- CAS#527-07-1									