



MATERIAL SAFETY DATA SHEET

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I Chemical Product and Company Identification	Product Name ESSENTIALS CITRUS APC CS2GL		Emergency (800)831-9889		
	Product Code 11134270	UPC-A SCC	Medical(Collect) (303)592-1024		
	Manufacturer JOHNSON DIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046		Chemtree (800)424-9300		
			Date 01/29/2003		
	Chemical Family GENERAL PURPOSE CLEANER				
II Composition/ Information on Ingredients	Chemical Name of Hazardous Ingredient	%	Exposure Limits	Units	
	D-LIMONENE - CAS #5989-27-5	1-5	NONE ESTABLISHED		
	LINEAR ALCOHOL ETHOXYLATE - CAS #68439-46-3	1-5	NONE ESTABLISHED		
	SODIUM METASILICATE - CAS #6834-92-0	<1	OSHA PEL (C):2 ACGIH TLV (C):2	MG/M3 MG/M3	
III Hazards Identification	Signs and Symptoms of Exposure	A C U T E C H R O N I C EYES: SEVERE IRRITATION WITH REDNESS, PAIN AND SWELLING. SKIN: IRRITATION WITH DRYNESS OR ITCHING MAY DEVELOP WITH PAIN AND REDNESS. INGESTION: IF SWALLOWED, GASTRIC DISTRESS, DIARRHEA, NAUSEA AND VOMITING MAY OCCUR. INHALATION: IRRITATION OF RESPIRATORY TRACT SAME AS ACUTE			
	HMIS: Health 2 Flammability 2 Reactivity 0 Personal Protection B				
	Conditions Aggravated DERMITITS OR SENSITIVE SKIN				
	Carcinogen Info NONE		NTP	IARC	OSHA
	Target Organs or System EYES, SKIN AND RESPIRATORY TRACT				
	Routes of Exposure: Inhalation ☒ Skin ☒ Ingestion ☒				
IV First Aid Measures	Inhalation	REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION			
	Eyes	IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION			
	Skin	FLUSH SKIN WITH PLENTY OF WATER AND WASH WITH MILD SOAP. IF IRRITATION DEVELOPS GET MEDICAL ATTENTION			
	Ingestion	IF SWALLOWED RINSE MOUTH WITH WATER. DILUTE BY DRINKING SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING. IF PATIENT VOMITS, RERINSE MOUTH. GET IMMEDIATE MEDICAL ATTENTION.			
V Fire Fighting Measures	Fire Control Measures/ Equipment	WEAR FULL PROTECTIVE GEAR AND POSITIVE PRESSURE BREATHING APPARATUS (SCBA) IN FIRE AREA. SPILLED PRODUCT MAY CAUSE SLIPPERY SURFACES			
	Flammable Property Info				
	Explosion Info	OSHA COMBUSTIBLE DUE TO FLASHPOINT BUT PRODUCT DOES NOT SUSTAIN COMBUSTION AFTER FLASHPOINT.			
	Extinguishing Media WATER SPRAY, CO2, FOAM, DRY POWDER				
	Gases	TOXIC FUMES OR VAPORS MAY FORM DURING FIRE			

VI Accidental Measures	Spill and Leak Clean UP Procedures	TURN OFF SOURCES OF IGNITION. CONTAIN SPILL. WEAR PROTECTIVE CLOTHING. SOAK UP OR ABSORB LIQUID ON SUITABLE ABSORBENT MATERIAL COLLECT AND PLACE IN CHEMICAL WASTE CONTAINER. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. FLUSH SPILL AREA WITH WATER. THIS PRODUCT DOES NTO CONTAIN A REPORTABLE QUANTITY (RQ) UNDER CERCLA										
	Environmental Precaution:											
VII Handling and Storage	Ventilation Required?	Instructions										
	Safe Storage, Handling and Use Instructions	COMBUSTIBLE PRODUCT. DO NOT STORE NEAR HEAT, SPARKS OR OPEN FLAME KEEP CONTAINER CLOSED WHEN NOT IN USE. PRODUCT MAY ACCUMULATE A STATIC CHARGE. USE PROPER GROUNDING EQUIPMENT DURING STORAGE OR EMPTYING CONTAINER. STORE IN COOL DRY AREA. DO NOT PRESSURIZE										
	Imcompatible Materials ACIDS AND OXIDIZING AGENTS											
VIII Exposure Controls/ Personal Protection	Protective Gloves	ALKALI RESISTANT										
	Eye Protection	CHECMICAL GOGGLES IF CONTACT OF SPLASH HAZARD EXISTS										
	Respiratory Protection	USE NIOSH/MSHA APPROVED RESPIRATOR WHERE TLV/PEL MAY BE EXCEEDED										
	Other Protective Clothing Equipment	RUBBER BOOTS AND CHEMICAL RESISTANT APRON IF CONTACT OR SPLASH HAZARD EXISTS										
IX Physical and Chemical Properties	Characteristics o of Hazardous Chemical											
	Vapor Pressure	17.5	MmHg@	20	°C	Vapor Density(Air=1)	17.3	pH	12.9	Water Solubility	100	%
	Appearance & Odor CLEAR YELLOW LIQUID WITH SLIGHT CITRUS ODOR											
	Boiling Point	220	°F	Melting Point	°F	Flammability Limits in Air By Volume: Upper			N/A	Lower	N/A	
	Flash Point	133	°F	Auto Ignition	°F	Oxidizing Properties						
	Specific Gravity	1.034				Volatile by Volume			87	%		
	Evaporation Rate(n-Butyl Acetate=1)											
X Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water Reactive	STABLE										
	Reactivity and Hazardous Polymerization	NONE KNOWN										
	Possible Hazardous Reactions											
	Conditions to Avoid											
	Materials To Avoid	ACIDS, OXIDIZING AGENTS										
	Hazardous Decomposition Products	INCOMPLETE COMBUSTION FORMS OXIDES OF SULFUR; OXIDES OF CARBON										
XI Toxicological Information	NONE PERFORMED OMN PRODUCT											
XII Ecological Information	Possible Effects and Environmental Fate NO DATA AVAILABLE											
	Degradability											
	Aquatic Toxicity											
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling	CONCENTRATED PRODUCT IS CONSIDERED D001- IGNITABLE AND D002 - CORROSIVE, IF DECLARED HAZARDOUS WASTE. SPENT OR EXCESS PRODUCTS IS HAZARDOUS WASTE. DO NOT DISCHARGE TO SEWER OR ENVIRONMENT. ARRANGE DISPOSAL THROUGH A LICENSED DISPOSAL COMPANY OR TREAT BY SPECIAL WASTE DISPOSAL SHEET. RECYCLE OR DISPOSE OF CONTAINER BY PRODUCT LABELING OR GOVERNMENT REGULATIONS										
	Disposal of Contaminated Material	INCOMPLETE COMBUSTION FORMS OXIDES OF SULFUR; OXIDES OF CARBON										
XIV Transport Information	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (SODIUM METASILICATE), CLASS 8, UN3266, PGII, NAERG NO 154											
XV-Regulatory Information												
XVI-Other Information												
S.A.R.A. Title III Section 313												
State Right to Know Information	WATER - CAS #7732-18-5 LINEAR ALCOHOL ETHOXYLATE - CAS #68439-46-3 SODIUM DODECYLBENZENE SULFONATE - CAS #25155-30-0 D-LIMONENE - CAS #5989-27-5 SODIUM METASILICATE - CAS #6834-92-0											