



MATERIAL SAFETY DATA SHEET

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I Chemical Product and Company Identification	Product Name SUMA STAR D1 56.8L/15G			Emergency (800)831-9889	
	Product Code 57227040 UPC-A 774205556432 SCC			Medical(Collect) (303)592-1024	
	Manufacturer JOHNSON DIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046			Chemtree (800)424-9300 Date 05/28/2002	
	Chemical Family HAND DISHWASHING LIQUID				
II Composition/ Information on Ingredients	Chemical Name of Hazardous Ingredient NONE			%	Exposure Limits
III Hazards Identification	Signs and Symptoms of Exposure	A C U T E C H R O N I C	EYES: MAY CAUSE EYE IRRITATION. SKIN: MAY CAUSE SKIN IRRITATION. INGESTION: IF SWALLOWED, GASTRIC DISTRESS, DIARRHEA, NAUSEA AND VOMITING MAY OCCUR. INHALATION: MAY CAUSE IRRITATION OF RESPIRATORY TRACT.		
			NONE KNOWN.		
	HMIS: Health 1 Flammability 0 Reactivity 0 Personal Protection A				
	Conditions Aggravated DERMATITIS OR SENSITIVE SKIN.				
	Carcinogen Info			NTP	IARC
	Target Organs or System				
	Routes of Exposure: Inhalation ☒ Skin ☒ Ingestion ☐				
IV First Aid Measures	Inhalation REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION.				
	Eyes IMMEDIATELY FLUSH WITH PLENTY OF WATER. IF IRRITATION OR REDNESS DEVELOP, GET MEDICAL ATTENTION.				
	Skin FLUSH SKIN WITH PLENTY OF WATER AND WASH WITH MILD SOAP. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.				
	Ingestion DO NOT TAKE INTERNALLY. IF SWALLOWED, DRINK SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING. CONTACT A PHYSICIAN OR POISON CONTROL CTR. NEVER GIVE FLUIDS BY MOUTH TO AN UNCONSCIOUS PERSON.				
V Fire Fighting Measures	Fire Control Measures/ Equipment WEAR FULL PROTECTIVE GEAR AND POSITIVE PRESSURE BREATHING APPARATUS (SCBA) IN FIRE AREA.				
	Flammable Property Info NONE				
	Explosion Info NONE KNOWN.				
	Extinguishing Media FLOOD WITH WATER.				
	Gases NONE				

VI Accidental Measures	Spill and Leak Clean UP Procedures 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 REGULATION FLUSH SPILL AREA WITH WATER. THIS PRODUCT DOES NOT CONTAIN A REPORTABLE QUANTITY (RQ) UNDER CERCLA.														
	Environmental Precaution:														
VII Handling and Storage	Ventilation Required? NONE					Instructions NONE REQUIRED									
	Safe Storage, Handling and Use Instructions					STORE IN A COOL, DRY AREA. KEEP FROM FREEZING. IF FROZEN, RETURN TO PRODUCING PLANT. KEEP CONTAINER CLOSED WHEN NOT IN USE.									
	SPIILLED PRODUCT MAY CAUSE SLIPPERY SURFACE AND FALL HAZARDS.														
VIII Exposure Controls/ Personal Protection	Incompatible Materials NONE KNOWN.														
	Protective Gloves					LIQUID PROOF RUBBER OR NEOPRENE GLOVES. AVOID COTTON,WOOL&LEATHER									
	Eye Protection					CHEMICAL GOGGLES IF CONTACT OR SPLASH HAZARD EXISTS.									
	Respiratory Protection					NOT NORMALLY REQUIRED.									
IX Physical and Chemical Properties	Other Protective Clothing Equipment					NOT NORMALLY REQUIRED.									
	Characteristics o of Hazardous Chemical														
	Vapor Pressure		N/A	MmHg@		NA	°C	Vapor Density(Air=1		N/A	pH	5.5	Water Solubility	SOL	%
	Appearance & Odor GREEN LIQUID, CHEMICAL ODOR.														
	Boiling Point		215	°F	Melting Point		°F	Flammability Limits in Air By Volume: Upper NONE Lower NONE							
	Flash Point		NONE	°F	Auto Ignition		°F	Oxidizing Properties							
	Specific Gravity					1.03	Volatile by Volume					55	%		
X Stability and Reactivity	Evaporation Rate(n-Butyl Acetate=1)														
	Peroxide, Pyrophoric, Unstable or Water Reactive STABLE														
	Reactivity and Hazardous Polymerization NONE KNOWN														
	Possible Hazardous Reactions NONE														
	Conditions to Avoid NONE														
	Materials To Avoid NONE KNOWN														
XI Toxicological Information	Hazardous Decomposition Products NONE KNOWN. OXIDES OF CARBON; OXIDES OF SULFUR.														
	NO DATA AVAILABLE														
XII Ecological Information	Possible Effects and Environmental Fate NO DATA AVAILABLE														
	Degradability														
	Aquatic Toxicity														
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling NOT REGULATED. DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.														
	Disposal of Contaminated Material NONE KNOWN. OXIDES OF CARBON; OXIDES OF SULFUR.														
XIV Transport Information	COMPOUNDS, CLEANING, N.O.I., LIQUID														
XV-Regulatory Information															
XVI-Other Information															
S.A.R.A. Title III Section 313	NONE														
State Right to Know Information	WATER - CAS # 7732-18-5 DODECYLBENZENE SULFONIC ACID - CAS #27176-87-0 SODIUM ALCOHOL ETHOXY SULFATE - CAS #68891-38-3 MAGNESIUM SULFATE - CAS #10034-99-8 SODIUM HYDROXIDE - CAS #1310-73-2														