

I Chemical Product and Company Identification	Product Name SUMA STAR D1 18.9L/5G		Emergency (800)831-9889	
	Product Code 57227100 UPC-A 774205556456 SCC		Medical(Collect) (303)592-1024	
II Composition/ Information on Ingredients	Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046		Chemtree (800)424-9300	
	Date 05/28/2002		Chemical Family HAND DISHWASHING LIQUID	
III Hazards Identification	Chemical Name of Hazardous Ingredient NONE	%	Exposure Limits	Units
	<p>Signs and Symptoms of Exposure</p> <p>A C U T E C H R O N I C</p> <p>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.</p> <p>NONE KNOWN.</p>			
IV First Aid Measures	HMIS: Health 1 Flammability 0 Reactivity 0 Personal Protection A			
	Conditions Aggravated DERMATITIS OR SENSITIVE SKIN.			
	Carcinogen Info NTP IARC OSHA			
	Target Organs or System			
	Routes of Exposure: Inhalation <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Ingestion <input type="checkbox"/>			
V Fire Fighting 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. SPILLED PRODUCT MAY CAUSE SLIPPERY SURFACE AND FALL HAZARDS.											
	Incompatible Materials	NONE KNOWN.											
VIII Exposure Controls/ Personal Protection	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.											
	Other Protective Clothing Equipment	NOT NORMALLY REQUIRED.											
IX Physical and Chemical Properties	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	%				
	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	NONE											
	Conditions to Avoid	NONE											
	Materials To Avoid	NONE KNOWN											
	Hazardous Decomposition Products	NONE KNOWN. OXIDES OF CARBON; OXIDES OF SULFUR.											
XI Toxicological Information	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												