



MATERIAL SAFETY DATA SHEET

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I Chemical Product and Company Identification	Product Name SUMA VIBRA GLOW D8.9 4X1CS						Emergency (800)831-9889		
	Product Code 57204280 UPC-A 774205555831 SCC 10774205555838						Medical(Collect) (303)592-1024		
	Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046						Chemtree (800)424-9300		
							Date 06/11/2002		
	Chemical Family BURNISHING COMPOUND								
II Composition/ Information on Ingredients	Chemical Name of Hazardous Ingredient POTASSIUM HYDROXIDE 1310-58-3 SODIUM NITRITE 7632-00-0					% 1-5 10	Exposure Limits TWA - C 2 NONE EST.		Units MG/M3
III Hazards Identification	Signs and Symptoms of Exposure	A C U T E	EYES: SEVERE BURNS, TISSUE DAMAGE, OR IRRITATION WITH PAIN, SWELLING, BLURRED OR IMPAIRED VISION, BLINDNESS. SKIN: SEVERE BURNS, TISSUE DESTRUCTION, BLISTERS OR RASH WITH SWELLING AND PAIN. INGESTION: MAY BE FATAL. SEVERE BURNS TO MOUTH AND THROAT MAY RESULT WITH PAIN,						
		C H R O N I C	GASTRIC PERFORATION AND DIFFICULTY IN SWALLOWING OR BREATHING. INHALATION: SPRAY OR MISTS CAUSE BURNS OR SEVERE IRRITATION TO NOSE, THROAT AND RESPIRATORY TRACT WITH PAIN, CHOKING, AND EXPERIENCE DIFFICULTY IN BREATHING.						
	HMIS: Health 3 Flammability 0 Reactivity 0 Personal Protection B								
	Conditions Aggravated DERMATITIS OR SENSITIVE SKIN.								
	Carcinogen Info CAR06002		NTP		IARC		OSHA		
	Target Organs or System EYES, SKIN, MOUTH AND ESOPHAGUS.								
Routes of Exposure: Inhalation ☒ Skin ☒ Ingestion ☒									
IV First Aid Measures	Inhalation	REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION. INGESTION CONT: NEVER GIVE FLUIDS BY MOUTH TO AN UNCONSCIOUS PERSON.							
	Eyes	IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MIN. HOLD EYELIDS APART TO COMPLETELY FLUSH ALL CHEMICALS FROM ENTIRE EYE SURFACE. GET IMMEDIATE MEDICAL ATTENTION.							
	Skin	FLUSH THOROUGHLY WITH PLENTY OF WATER. WASH WITH MILD SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES AND CLEAN BEFORE REUSE. GET MEDICAL ATTENTION FOR ANY PAINFUL, RED OR INJURED SKIN							
	Ingestion	IF SWALLOWED, RINSE MOUTH WITH WATER. DILUTE BY DRINKING SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING: IF PATIENT VOMITS, RE RINSE 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.							
	Flammable Property Info	NONE							
	Explosion Info	NONE KNOWN.							
	Extinguishing Media	WATER, WATER SPRAY, CO2, FOAM OR DRY POWDER.							
	Gases	NONE							

VI Accidental Measures	Spill and Leak Clean Up Procedures	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 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	WEAR PROTECTIVE GEAR WHEN USING OR HANDLING. PRODUCT FREEZES BELOW 50 DEG.F. THAW BY WARMING TO 70 DEG.F & MIX FOR USE. ADD PRODUCT SLOWLY WITH MIXING TO WATER OR LIQ.TO AVOID HEAT. DO NOT LET PRODUCT COLLECT ON BOTTOM OF TANK & DO NOT PRESSURE TO EMPTY.										
VIII Exposure Controls/ Personal Protection	Incompatible Materials	ACIDS										
	Protective Gloves	ALKALI RESISTENT.										
	Eye Protection	CHEMICAL GOGGLES IF CONTACT OR SPLASH HAZARD EXISTS.										
	Respiratory Protection	USE NIOSH/MSHA APPROVED RESPIRATOR WHERE TLV/PEL MAY BE EXCEEDED.										
IX Physical and Chemical Properties	Other Protective Clothing Equipment	RUBBER BOOTS & CHEMICAL RESISTANT APRON IF CONTACT OR SPLASH HZRD EXISTS. EYEWASH & SAFETY SHOWER IN AREA IF CONTACT OR SPLASH EXIS										
	Characteristics o of Hazardous Chemical											
	Vapor Pressure	N/A	MmHg@	NA	°C	Vapor Density(Air=1)	N/A	pH	13.1	Water Solubility	SOL	%
	Appearance & Odor	STRAW COLOR LIQUID, CHEMICAL ODOR.										
	Boiling Point	215	°F	Melting Point	°F	Flammability Limits in Air By Volume: Upper	N/A	Lower	N/A			
	Flash Point	NONE	°F	Auto Ignition	°F	Oxidizing Properties						
	Specific Gravity	1.15					Volatile by Volume	N/A	%			
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	ACIDS										
XI Toxicological Information	Hazardous Decomposition Products	OXIDES OF NITROGEN; OXIDES OF CARBON.										
		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	ADJUST PH OF DILUTED PRODUCT AND DISCHARGE TO INDUSTRIAL SEWER IN ACCORDANCE WITH DISCHARGE PERMIT OR LOCAL POTW REGULATIONS. USE PRODUCT IN CONTAINER UNTIL EMPTY. TRIPLE RINSE CONTAINER WITH WATER AND ADD TO PROCESS. RECYCLE OR DISPOSE OF CONTAINER ACCORDING TO PRODUCT LABELING OR FEDERAL, STATE OR LOCAL REGULATIONS.										
	Disposal of Contaminated Material	OXIDES OF NITROGEN; OXIDES OF CARBON.										
XIV Transport Information		SODIUM HYDROXIDE SOLUTION, 8, UN1824, PG II, ERG NO. 60, NAERG NO. 154										
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 POTASSIUM HYDROXIDE - CAS #1310-58-3 SODIUM NITRITE - CAS #7632-00-0 SODIUM GLUCONATE - CAS #527-07-1 NONIONIC SURFACTANT - CAS #9003-11-6											