



MATERIAL SAFETY DATA SHEET

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I Chemical Product and Company Identification	Product Name SUMA GRILL D9 CORE 4X3CS.78L/1G		Emergency (800)831-9889		
	Product Code 57265280 UPC-A 774205555848 SCC 10774205555845		Medical(Collect) (303)592-1024		
	Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046		Chemtree (800)424-9300		
			Date 12/17/2002		
Chemical Family OVEN AND GRILL CLEANER					
II Composition/ Information on Ingredients	Chemical Name of Hazardous Ingredient DIPROPYLENE GLOCOL MONOMETHYL 34590-94-8 ETHER		% 1-5	Exposure Limits TLV 600S PEL 600 STEL 900	Units MG/M3 MG/M3 MG/M3 MG/M3
	SODIUM HYDROXIDE 1310-73-2		1-5	TLV-C 2	
III Hazards Identification	Signs and Symptoms of Exposure	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,			
		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. CHRONIC: SAME AS ACUTE EFFECTS.			
	HMIS:	Health 3	Flammability 0	Reactivity 0	Personal Protection C
	Conditions Aggravated DERMATITIS OR SENSITIVE SKIN.				
	Carcinogen Info	NONE		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.										
	Imcompatible Materials	FLAMMABLE LIQUIDS; ACIDS; HALOGENATED COMPOUNDS; SOFT METALS.										
VIII Exposure Controls/ Personal Protection	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.										
	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										
IX Physical and Chemical Properties	Characteristics o of Hazardous Chemical											
	Vapor Pressure	N/A	MmHg@	NA	°C	Vapor Density(Air=1)	N/A	pH	>13	Water Solubility	SOL	%
	Appearance & Odor	DARK BROWN, 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	1.12				Volatile by Volume		N/A	%			
	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		FLAMMABLE LIQUIDS; ACIDS; HALOGENATED COMPOUNDS; SOFT METALS.										
Hazardous Decomposition Products		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	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 CARBON; OXIDES OF SULFUR.										
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		NONIONIC SURFACTANT - CAS #68515-73-1 DIPROPYLENE GLYCOL METHYL ETHER - CAS #34590-94-8 SODIUM HYDROXIDE - CAS #1310-73-2 WATER - CAS #7732-18-5										