

MATERIAL SAFETY DATA SHEET

SUMA OVEN D9.6 4X1CS Product Name (800)831-9889 Emergency I 57278280 UPC-A 774205556562 SCC 10774205556569 Medical(Collect) (303)592-1024 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD Date 06/11/2002 Indentification **CINCINNATI, OH 45241-2046 OVEN CLEANER** Chemical Family Units Chemical Name of Hazardous Ingredient **Exposure Limits** DIETHYLENE GLYCOL MONOBUTYL 112-34-5 1-5 NONE ESTABLISHED Π **ETHER** SODIUM HYDROXIDE 1310-73-2 MG/M3 Composition/ 10 TLV-C 2 Information on Ingredients EYES: SEVERE BURNS, TISSUE DAMAGE, OR IRRITATION WITH PAIN, SWELLING, BLURRED OR IMPAIRED VISION, BLINDNESS. SKIN: SEVERE BURNS, TISSUE DESTRUCTION, BLISTERS OR Signs П RASH WITH SWELLING AND PAIN. INGESTION: MAY BE FATAL. and SEVERE BURNS TO MOUTH AND THROAT MAY RESULT WITH PAIN, Symptoms GASTRIC PERFORATION AND DIFFICULTY IN SWALLOWING OR BREATHING. INHALATION: SPRAY OR MISTS CAUSE BURNS OR SEVERE IRRITATION TO NOSE, THROAT AND RESPIRATORY Exposure Ш O TRACT WITH PAIN, CHOKING, AND EXPERIENCE DIFFICULTY IN BREATHING. CHRONIC: SAME AS ACUTE EFFECTS. Haz ards Identific ation HMIS: Health Flammability Reactivity Personal Protection \mathbf{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 Ingestion X Skin X X REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION. Inhalation INGESTION CONT: NEVER GIVE FLUIDS BY MOUTH TO AN UNCONSCIOUS PERSON. IV 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. First Aid Measures 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. WEAR FULL PROTECTIVE GEAR AND POSITIVE PRESSURE BREATHING Fire Control APPARATUS (SCBA) IN FIRE AREA. Measures/ Equipment V Flammable Property Info NONE Fire Fighting NONE KNOWN. **Explosion Info** Measures Extinguishing Media WATER, WATER SPRAY, CO2, FOAM OR DRY POWDER. NONE Gases

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VI Accidental Measures	Spill and Leak Clean UP Procedures CERCLA. 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 Precautions
	Ventilation Required? NONE Instructions NONE REQUIRED.
VII	Safe Storage, WEAR PROTECTIVE GEAR WHEN USING OR HANDLING. PRODUCT FREEZES Handling BELOW 50 DEG.F. THAW BY WARMING TO 70 DEG.F & MIX FOR USE. ADD
Handling and	and Use PRODUCT SLOWLY WITH MIXING TO WATER OR LIQ.TO AVOID HEAT. DO NOT
Storage	Instructions LET PRODUCT COLLECT ON BOTTOM OF TANK & DO NOT PRESSURE TO EMPTY.
	Imcompatible Materials FLAMMABLE LIQUIDS; ACIDS; HALOGENATED COMPOUNDS; SOFT METALS.
	Protective Gloves ALKALI RESISTENT.
VIII	Eye Protection CHEMICAL GOGGLES IF CONTACT OR SPLASH HAZARD EXISTS.
Exposure Controls/ Personal Protection	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
	Characteristics o of Hazardous Chemcial
IX	Vapor Pressure N/A MmHg@ NA °C Vapor Density(Air=1] N/A pH 13.44 Water Solubility SOL %
Physical and Chemical	Appearance & Odor BROWN LIQUID CHEMICAL ODOR. Boiling Point 215 °F Melting Point °F Flammability Limits in Air By Volume: Upper N/A Lower N/A
Properties	Flash Point NONE °F Auto Ignition °F Oxidizing Properties
	Specific Gravity 1.065 Volatile by Volume N/A %
	Evaporation Rate(n-Butyl Acetate=1)
	Peroxide, Pyrophoric, Unstable or Water Reactive STABLE
X	Reactivity and Hazardous Polymerization NONE KNOWN. Possible Hazardous Reactions NONE
	Conditions to Avoid NONE
Stability and Reactivity	Materials To Avoid FLAMMABLE LIQUIDS; ACIDS; HALOGENATED COMPOUNDS; SOFT METALS.
	Hazardous OXIDES OF CARBON. Decomposition Products
XI Toxicological Information	NO DATA AVAILABLE.
XII	Possible Effects and Environmental Fate NO DATA AVAILABLE Degradability
Ecological Information	Aquatic Toxicity
	Method of ADJUST PH OF DILUTED PRODUCT AND DISCHARGE TO INDUSTRIAL SEWER IN
	Disposal, ACCORDANCE WITH DISCHARGE PERMIT OR LOCAL POTW REGULATIONS. USE
XIII	Residues and Safe Residues and Safe ROUTINE CONTAINER WITH LIMIT 1. TRIPLE RINSE CONTAINER WITH ROUTINE ROUT
Disposal	Handling
Consideration	
	Disposal of OXIDES OF CARBON. Contaminated Material
XIV	SODIUM HYDROXIDE SOLUTION, 8, UN1824, PG II, ERG NO. 60, NAERG NO. 154
Transport Information	, , , , , , , , , , , , , , , , , , , ,
XV-Regulatory Information	
XVI-Other Information S.A.R.A.	NONE
Title III Section 313	NOTE
	WATER - CAS #7732-18-5 DIETHYLENE GLYCOL BUTYL ETHER - CAS #112-34-5
State	NONIONIC SURFACTANT - CAS #68515-73-1 SODIUM HYDROXIDE - CAS #1310-73-2
Right to Know Information	SODIUM GLUCONATE - CAS #1510-13-2 SODIUM GLUCONATE - CAS #527-07-1
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