

MATERIAL SAFETY DATA SHEET

SUMA GLOSS K8 18 9L/5G Product Name (800)831-9889 Emergency I UPC-A 774205555930 SCC Medical(Collect) (303)592-1024 57217100 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD 06/07/2002 Date Indentification **CINCINNATI, OH 45241-2046 DESTAINER** Chemical Family **Exposure Limits** Units Chemical Name of Hazardous Ingredient **SODIUM HYDROXIDE 1310-73-2** >30 TLV-C 2 MG/M3 Π Composition/ 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

Printed: 02/06/2004

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 Handling and	Safe Storage, WEAR PROTECTIVE GEAR WHEN USING OR HANDLING. PRODUCT FREEZES Handling 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 ACIDS
	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+ Water Solubility SOL %
Physical and Chemical	Appearance & Odor CLEAR LIQUID, CHEMICAL ODOR. Boiling Point 215 °F Melting Point °F Flammability Limits in Air By Volume: Upper N/A Lower N/A
Properties Properties	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 1.16 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
Λ	Possible Hazardous Reactions NONE Conditions to Avoid NONE
Stability and	Materials ACIDS
Reactivity	To Avoid
777	Hazardous INCOMPLETE COMBUSTION FORMS; OXIDES OF PHOSPHORUS; OXIDES OF Decomposition Products NITROGEN.
XI Toxicological Information	NO DATA AVAILABLE.
XII	Possible Effects and Environmental Fate NO DATA AVAILABLE
Ecological Information	Degradability
Illiormation	Aquatic Toxicity Method of ADJUST PH OF DILUTED PRODUCT AND DISCHARGE TO INDUSTRIAL SEWER IN
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 ACCORD- ING TO PRODUCT LABELING OR FEDERAL, STATE OR LOCAL REGULATIONS.
	Disposal of Contaminated Material INCOMPLETE COMBUSTION FORMS; OXIDES OF PHOSPHORUS; OXIDES OF NITROGEN.
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	
State Right to Know Information	SODIUM GLUCONATE - CAS #527-07-1 SODIUM HYDROXIDE - CAS #1310-73-2 TETRAPOTASSIUM PYROPHOSPHATE - CAS #7320-34-5 SODIUM SILICATE - CAS #1344-09-8 WATER - CAS #7732-18-5