

## MATERIAL SAFETY DATA SHEET

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	1		EKIAL SAFETT					Tillieu 07	7507200	
T	Product Name LIQUA SAFE						Emergency (800)831-9889			
Ι	Product Code 02858276 UPC-A 774205551055 SCC 10774205551052						Medical(Collect) (303)592-1024			
Chemical Product and Company	Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046						Chemtree	(800)42	4-9300	
Indentification						Date 03		03/18/19	997	
	Chemical Family MACHINE DISHWASHING PRODUCT									
	Chemical Name of Hazardous Ingredient				%	% Exposure Limits Units				
II	POTASSIUM METASILICATE				<20	NOT ES	TABLISHED			
	(10006-28-7) SODIUM HYPOCHLORITE (7681-52-9)			<3	NOT ES	STABLISHED				
Composition/ Information	Sobiesa mi Generali E (NGC 62 9)									
on Ingredients										
	A NAUSEA/CORROSIVE TO SKIN AND EYES									
	Signs C MISTS ARE CORROSIVE TO SKIN, EYES AND RESPIRATORY TRACT									
	and T E Symptoms									
	of H	of H SAME AS ACUTE								
III	Exposure R O N									
Hazards	I C									
Identification	HMIS: Health 3 Flammability 0 Reactivity 0 Personal Protection D									
	Conditions Aggravated SENSITIVE SKIN, EYES, IMPAIRED PULMONARY FUNCTION.									
	Carcinogen Info	NONE					NTP IARC	OS	НА	
	Target Organs or System									
	Routes of Exposure: Inhalation 🗖 Skin 🗖 Ingestion 🗖									
	Inhalation N/A IN NORMAL OPERATION.									
IV	Eyes FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES, GET MEDICAL ATTENTION.									
First Aid Measures	Skin FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER REMOVE CONTAMINATED CLOTHES AND SHOES									
	Ingestion GIVE WATER. DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION									
	Fire Control Measures/ WEAR PROTECTIVE GEAR AND SELF CONTAINED BREATHING APPARATUS IN FIRE AREA.									
V	Equipment	. T.C								
Fire Fighting	Flammable Property Info  Explosion Info NONE									
Measures	Explosion Info NONE									
	Extinguishing Media WATER, WATER FOG, DRY CHEMICAL									
	Gases									
	<u> </u>									

VI Accidental Measures	Spill and Leak Clean UP Procedures  FLUSH SMALL AMOUNTS TO DRAIN. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER. CERCLA RQ - SODIUM HYPOCHLORITE = 4,000 POUNDS OR 370 GALLONS									
	Environmental Precautions									
	Ventilation Required? YES Instructions NO									
VII Handling and Storage	Safe Storage, Handling and Use Instructions  DO NOT PRESSURE CONTAINER TO EMPTY. IF FROZEN, THAW AND MIX TO MAKE USABLE. KEEP CONTAINER CLOSED.									
	Imcompatible Materials									
VIII Exposure Controls/ Personal Protection	Protective Gloves ALKALI RESISTANT									
	Eye Protection FACE SHIELD OR GOGGLES									
	Respiratory Protection  WEAR NIOSH APPROVED RESPIRATOR IF TLV OR PEL EXPOSURE LIMITS ARE EXCEEDED.									
	Other Protective NONE Clothing Equipment									
	Characteristics o of Hazardous Chemcial									
IX  Physical and Chemical  Properties	Vapor Pressure 17.5 MmHg@ 20 °C Vapor Density(Air=1) N/A pH Water Solubility 100 %									
	Appearance & Odor CLEAR, SLIGHTLY YELLOW LIQUID; CHLORINE ODOR									
	Boiling Point 215 °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE Flash Point NONE °F Auto Ignition N/A °F Oxidizing Properties									
	Specific Gravity 1.30 Volatile by Volume 70 %									
	Evaporation Rate(n-Butyl Acetate=1) >1									
	Peroxide, Pyrophoric, Unstable or Water Reactive LOW									
37	Reactivity and Hazardous Polymerization NONE									
X	Possible Hazardous Reactions									
Stability and Reactivity	Conditions to Avoid  Materials MINERAL ACIDS RELEASE CHLORINE To Avoid									
	Hazardous CL2 Decomposition Products									
XI Toxicological Information										
XII	Possible Effects and Environmental Fate									
Ecological	Degradability									
Information	Aquatic Toxicity									
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling  Method of Disposal, Residues and Safe  Handling  USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER TRIPLE RINSE WITH WATER, DISPOSE TO INDUSTRIAL OR SANITARY SEWER REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL CONTAINS PHOSPHATES  ALL CHEMICAL COMPONENTS ARE ON TSCA INVENTORY.									
	Disposal of CL2 Contaminated Material									
XIV	CAUSTIC ALKALI LIQUIDS, N.O.S., (SODIUM HYPOCHLORITE, POTASSIUM METASILICATE), 8									
Transport Information	, UN1719, PG II, ERG NO. 60, NAERG NO. 154									
XV-Regulatory Information										
XVI-Other Information	NONE									
S.A.R.A. Title III Section 313	NONE									
State Right to Know Information	POTASSIUM META SILICATE - CAS #10006-28-7 WATER - CAS #7732-18-5 SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4 SODIUM HYPOCHLORITE - CAS #7681-52-9									