## JohnsonDiversey



## MATERIAL SAFETY DATA SHEET Printed: 02/06/2004

	Product Name PRELUDE				Emergency (800)831-9889			
Ι	Product Code 01940470 UPC-A 774205553189 SCC				Medical(Collect)	Medical(Collect) (303)592-1024		
Chemical Product	Manufacturer JOHNSONDIVERSEY INC.			Chemtree (800)424-9300				
and Company Indentification		3630 E. KEMPER RD			× ×		4/1996	
1100.111 10	CINCINNATI, OH 45241-2046							
	Chemical Family	ALKALINE, SILICATED LIQUID LAU	-					
	Chemical Name of Hazardous Ingredient		% 27	-	e Limits		Units MG/M3	
II	POTASSIUM HYDROXIDE (1310-58-3) SODIUM METASILICATE (6834-92-0)		27 <6		2; PEL C 2 ESTABLISHED		MG/1015	
Composition/								
Information								
on Ingredients								
		CORROSIVE. CAUSES SEVERE BURNS TO	) SKIN /	L AND EYF	S. MISTS			
	c   ARE CORROSIVE TO SKIN, EYES AND RESPIRATORY TRACT.     Signs   U     MAY BE FATAL IF SWALLOWED.							
	and <sup>T</sup> <sub>E</sub>							
	Symptoms c of H SAME AS ACUTE							
III	Exposure <sup>R</sup> o <sub>N</sub>							
Haz ards Identific ation	C HMIS: Health <b>3</b> Flammability <b>0</b> Reactivity <b>1</b> Personal Protection <b>D</b>							
	Conditions Aggravated SENSITIVE SKIN AND EYES; IMPAIRED PULMONARY FUNCTION OR RESPIRATORY DISEASE.							
							0.000	
	Carcinogen Info	NONE			NTP IARC		OSHA	
	Target Organs or System							
	Routes of Exposure: Inhalation Skin Ingestion   Inhalation Exposure: Information							
	Inhalation IF INHALED, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.							
IV	Eyes   IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST     15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY.     Skin   FLUSH WITH FRESH WATER FOR AT LEAST 15 MINUTES. REMOVE							
First Aid Measures								
	CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION.							
	Ingestion GIVE WATER, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.							
	Eine Control	WEAR FULL PROTECTIVE GEAR TO PRE	VENT S		JTACT AND			
	Fire Control Measures/	SELF-CONTAINED BREATHING APPARA		KIN CUP	NIACI AND			
V	Equipment							
Fire Fighting	Flammable Property Info							
Measures	Explosion Info PRODUCT SOLUTIONS IN CONTACT WITH ALUMINUM CAUSES SEVERE CORROSION AND RELEASES HYDROGEN GAS.							
	Extinguishing Media CO2, DRY CHEMICALS, FOAM							
	Gases							
1								

VI Accidental Measures	Spill and Leak   STOP LEAKS AND CONTAIN SPILLS. LIQUIDS SHOULD BE VACUUMED UP OR ABSORBED WITH CLAY OR SAND. PLACE WASTE IN AN APPROPRIATE Covered CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE MINERAL ACIDS AND FLUSH AREA WITH WATER.     Procedures   CERCLA PRODUCT RQ = 3,788 LBS. OR 361 GAL.     Environmental Precautions							
	Ventilation Required? NO Instructions NORMAL AIR DILUTION							
VII Handling and Storage	Safe Storage, HandlingIF FROZEN, THAW AND MIX TO MAKE USABLE. KEEP AWAY FROM ACIDS.Handling and UseKEEP CONTAINER CLOSED WHEN MOVING OR NOT IN USE. DILUTE VERYInstructionsSLOWLY. DO NOT USE HOT WATER. USE ONLY IN STAINLESS STEELInstructionsMACHINES. CORROSIVE TO OTHER SOFT METALS.							
	Imcompatible Materials							
	Protective Gloves RUBBER, PVC, OR CHEMICALLY RESISTANT							
VIII	Eye Protection     SAFETY GLASSES WITH SIDE SHIELDS, SPLASH GOGGLES, OR FACE SHIELD							
Exposure Controls/ Personal Protection	Respiratory Pracection WEAR NIOSH ALKALINE CARTRIDGE RESPIRATOR IF TLV/PEL LIMITS ARE EXCEEDED.							
	Other Protective     SAFETY SHOWER AND EYE WASH. CHEMICALLY IMPERVIOUS CLOTHING       Clothing Equipment     AND FOOTWEAR TO PREVENT SKIN CONTACT.							
	Characteristics o of Hazardous Chemcial							
IX	Vapor Pressure 15.4 MmHg@ 20 °C Vapor Density(Air=1) N/A pH Water Solubility 100 %   Appearance & Odor LIGHT YELLOW VISCOUS LIQUID; DETERGENT ODOR.							
Physical and Chemical Properties	Appearance & Odor   LIGHT YELLOW VISCOUS LIQUID; DETERGENT ODOR.     Boiling Point   234   °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 1.265 Volatile by Volume 63 %							
	Evaporation Rate(n-Butyl Acetate=1) >1							
X	Peroxide, Pyrophoric, Unstable or Water Reactive MODERATE Reactivity and Hazardous Polymerization NONE							
	Possible Hazardous Reactions							
	Conditions to Avoid							
Stability and Reactivity	Materials   FLAMMABLE LIQUIDS, ACTIVE METALS, ORGANIC HALOGEN COMPOUNDS, HOT     To Avoid   WATER, STRONG ACIDS CAUSE VIOLENT REACTIONS.							
N/I	Hazardous OXIDES OF CARBON Decomposition Products							
XI Toxicological Information								
XII	Possible Effects and Environmental Fate							
Ecological Information	Degradability							
XIII Disposal Consideration	Aquatic ToxicityMethod ofUSE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE CONTAINER WITH WATER, ADD TO OPERATION. REMOVE AND DEFACE CONTAINER LABEL BEFORE SELLING OR DISPOSAL. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL BEGULATIONS. ADJUST PH; BEFORE DISPOSAL. NO PHOSPHATES. DO NOT DISCHARGE TO LAKES OR STREAMS AS SOLUTIONS MAY BE TOXIC TO AQUATIC LIFE.							
	Disposal of Contaminated Material OXIDES OF CARBON							
XIV Transport Information	CORROSIVE LIQUID,BASIC,INORGANIC,N.O.S.,(POTASSIUM HYDROXIDE),8,UN3266,PG II, ERG#60, NAERG#154							
XV-Regulatory Information XVI-Other Information								
S.A.R.A. Title III Section 313	ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.							
State Right to Know Information	SODIUM GLUCONATE - CAS #527-07-1 POTASSIUM HYDROXIDE - CAS #1310-58-3 SODIUM METASILICATE - CAS #6834-92-0 WATER - CAS #7732-18-5 SODIUM CARBOXYMETHYL CELLULOSE CAS #9004-32-4							