

MATERIAL SAFETY DATA SHEET

Effective: 08/26/1996

4786-99

I-Chemical Product and Company Identification	Product Name	LAUNDRY DESTAINER-SANITIZER		Emergency	(800)831-9889	
	Product Code	08498100	UPC#	7-74205-55140-6	Medical(Collect)	(303)592-1024
	Distributor	DiverseyLever Institutional	SCC#	SCC Not Available	Chemtrec	(800)424-9300
	Manufacturer	JOHNSONDIVERSEY INC.			Printed	08/20/2003
		3630 E. KEMPER RD				
		CINCINNATI	OH	45241-2046		
	Chemical Family	LIQUID CHLORINATED SANITIZER				
II-Composition/Information on Ingredients	Chemical Name of Hazardous Ingredient	%	Exposure Limits	Units		
	SODIUM HYPOCHLORITE (7681-52-9)	<10	NOT ESTABLISHED			
	SODIUM HYDROXIDE (1310-73-2)	<1	TLV 2; PEL 2			
	EPA REGISTERED PRODUCT NO.	875-20003				
III-Hazards Identification	Signs and Symptoms of Exposure	CORROSIVE TO SKIN AND EYES. MISTS ARE RESPIRATORY IRRITANTS.				
		Acute				
		Chronic	SAME AS ACUTE			
	HMIS: Health	3	Flammability	0	Reactivity	0
	Personal Protection	D				
	Conditions Aggravated	SENSITIVE SKIN				
	Carcinogen Info	NONE			NTP	IARC
Target Organs or Systems						
Routes of Exposure:	Inhalation <input checked="" type="checkbox"/>	Skin <input checked="" type="checkbox"/>	Ingestion <input checked="" type="checkbox"/>			
IV-First Aid Measures	Inhalation	REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.				
	Eyes	FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.				
	Skin	WASH OFF IMMEDIATELY WITH SOAP AND LARGE QUANTITIES OF WATER. GET PROMPT MEDICAL ATTENTION. REMOVE AND LAUNDRER CONTAMINATED CLOTHING AND FOOTWEAR.				
	Ingestion	IF SWALLOWED, DRINK LARGE AMOUNTS OF WATER. DO NOT INDUCE VOMITING. CALL A PHYSICIAN OR POISON CENTER IMMEDIATELY.				
V-Fire Fighting Measures	Fire Control Measures/Equipment	WEAR FULL PROTECTIVE GEAR AND SELF CONTAINED BREATHING APPARATUS IN FIRE AREA.				
	Flammable Property Info					
	Explosion Info	HIGH TEMPERATURE WILL RELEASE CL2 OR OXYGEN				
	Extinguishing Media	CO2, DRY CHEMICALS, WATER				
	Gases					

Send To:
S. FREEDMAN & SONS
3322 PENNSY DR
LANDOVER
 MD 20785



VI – Accidental Measures	<p>Spill and Leak Clean Up Procedures</p> <p>PROVIDE GOOD VENTILATION. AVOID CONTACT WITH ORGANIC MATERIALS. DIKE AREA TO CONTAIN SPILL; MOP UP OR PUMP LIQUID INTO SUITABLE CONTAINER. FLUSH TO SANITARY SEWER SYSTEM WITH PLENTY OF WATER.</p> <p>CERCLA PRODUCT RQ: SODIUM HYPOCHLORITE 66 GALLONS</p> <p>Environmental Precautions</p>
VII – Handling and Storage	<p>Ventilation Required? NO Instructions NORMAL AIR DILUTION</p> <p>Safe Storage, Handling and Use STORE THE PRODUCT IN A COOL AREA, AWAY FROM DIRECT SUN LIGHT AND HEAT TO AVOID DETERIORATION. KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT BREATHE MIST.</p> <p>Instructions</p> <p>Incompatible Materials</p>
VIII – Exposure Controls/ Personal Protection	<p>Protective Gloves RUBBER GLOVES</p> <p>Eye Protection FACE SHIELD OR GOGGLES</p> <p>Respiratory Protection PROVIDE NIOSH/MSHA – APPROVED RESPIRATOR RECOMMENDED FOR CHLORINE FUMES IF PROLONGED OR REPEATED EXPOSURE IS LIKELY.</p> <p>Other Protective Clothing/Equipment CLOTHING COVERING ARMS AND LEGS AND FOOTWEAR TO PREVENT SKIN CONTACT. DELUGE SYSTEM AS REQUIRED BY OSHA 1910.151.</p>
IX – Physical and Chemical Properties	<p>Characteristics of Hazardous Chemical</p> <p>Vapor Pressure 17.5 mmHg@20 °C Vapor Density (Air=1) N/A pH Water Solubility 100 %</p> <p>Appearance & Odor CLEAR LIGHT YELLOW LIQUID; CHLORINE ODOR</p> <p>Boiling Point 212 °F Melting Point Flammability Limits in Air by Volume: Upper N/A Lower N/A</p> <p>Flash Point NONE °F Auto Ignition N/A °F Oxidizing Properties</p> <p>Specific Gravity 1.200 Volatile by Volume 85 %</p> <p>Evaporation Rate(n – Butyl Acetate = 1) <1</p>
X – Stability and Reactivity	<p>Peroxide, Pyrophoric, Unstable or Water Reactive NONE</p> <p>Reactivity and Hazardous Polymerization NONE</p> <p>Possible Hazardous Reactions</p> <p>Conditions to Avoid</p> <p>Materials to Avoid ACIDS, AMMONIA, ORGANICS AND REDUCING AGENTS. CHLORINE GAS WILL BE RELEASED UPON CONTACT WITH ACIDS.</p> <p>Hazardous Decomposition Products CO2 WITH INCOMPLETE COMBUSTION</p>
XI – Toxicological Information	
XII – Ecological Information	<p>Possible Effects and Environmental Fate</p> <p>Degradability</p> <p>Aquatic Toxicity</p>
XIII – Disposal Considerations	<p>Method of Disposal, Residues and Safe Handling TRIPLE RINSE CONTAINER WITH COLD WATER; DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.</p> <p>SEE PRODUCT LABEL FOR ADDITIONAL PRECAUTIONS.</p> <p>Disposal of Contaminated Material</p>
XIV – Transport Information	<p>HYPOCHLORITE SOLUTIONS, (WITH MORE THAN 5 PERCENT BUT LESS THAN 16 PERCENT AVAILABLE CHLORINE), 8, UN1791, PG III, (ERG NO. 60, NAERG#154</p>
XV – Regulatory Information	
XVI – Other Information	
S.A.R.A. Title III Section 313	<p>ALL CHEMICAL INGREDIENTS ARE ON TSCA INVENTORY.</p>
State Right to Know Information	<p>SODIUM HYDROXIDE – CAS #1310–73–2</p> <p>SODIUM HYPOCHLORITE – CAS #7681–52–9</p> <p>WATER – CAS #7732–18–5</p> <p>SODIUM CARBONATE – CAS #497–19–8</p> <p>SODIUM CHLORIDE – CAS #7647–14–5</p>