

<b>I - PRODUCT IDENTIFICATION AND USE</b>		MSDS ID: 0089		
<b>PRODUCT NAME: D10 CONCENTRATE DETERGENT SANITIZER</b>				
<b>USE:</b> Detergent/sanitizer		DIN 02238968		
<b>SUPPLIER:</b> JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada		<b>EMERGENCY PHONE:</b>  <b>1-800-668-7171</b>		
<b>WHMIS CLASSIFICATION:</b> exempt		<b>TRADE NAME / SYNONYMS:</b> not applicable		
<b>CHEMICAL FAMILY:</b> alkali/surfactant		<b>CHEMICAL NAME:</b> not applicable		
<b>II - HAZARDOUS INGREDIENTS</b>				
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Quaternary Ammonium Chloride Mixture	3-7	not available	LD50 366 mg/kg	oral/rat
Tetrasodium EDTA	1-5	000064-02-8	LD50 3200 mg/kg	oral/rat
Linear alcohol ethoxylate	1-5	068439-46-3	LD50 1378 mg/kg	oral/rat
Ethanol	0.1-1.0	000064-17-5	LD50 7060 mg/kg	oral/rat
<b>III - HANDLING AND DISPOSAL PROCEDURES</b>				
<b>PERSONAL PROTECTIVE EQUIPMENT:</b>				
<b>Gloves:</b> natural rubber, neoprene or nitrile		<b>Eye:</b> safety glasses		<b>Footwear:</b> not required
<b>Respiratory:</b> If mists are generated, use NIOSH approved mask.		<b>Other:</b> not required		
<b>SPECIAL HANDLING PROCEDURES AND EQUIPMENT:</b> Avoid eye and skin contact. Do not breathe mist or spray.				
<b>VENTILATION REQUIREMENTS:</b> General ventilation				
<b>INCOMPATIBILITY (Material to Avoid):</b> Acids, Anionic materials, Oxidizing materials.				
<b>SPILL PROCEDURES:</b> Contain the spill. Do not allow the spilled product to go to drain. Mop up or soak up with absorbent clay for disposal.				
<b>WASTE DISPOSAL:</b> Dispose of according to municipal, provincial, and federal regulations				
<b>STORAGE / SHIPPING REQUIREMENT:</b> Store in a cool dry area in a closed container. Avoid freezing				
<b>IV - PHYSICAL PROPERTIES</b>				
<b>APPEARANCE / ODOUR:</b> Dark purple clear liquid				
<b>S.G. / BULK DENSITY(g/cc):</b> 1.012		<b>pH:</b> 12.4		
<b>VAPOUR PRESSURE (mmHg):</b> not available		<b>VAPOUR DENSITY (air=1):</b> not available		
<b>ODOUR THRESHOLD:</b> not available		<b>BOILING POINT:</b> approx 100°C		
<b>FREEZING POINT:</b> approx. 0°C		<b>PERCENT VOLATILE:</b> 90 %		
<b>SOLUBILITY IN WATER:</b> soluble		<b>EVAPORATION RATE (water=1):</b> approx 1		
<b>V - TOXICOLOGICAL PROPERTIES</b>				
<b>EFFECTS OF ACUTE EXPOSURE TO MATERIAL:</b>				
<b>EYES:</b> May cause severe irritation. May cause permanent damage if not treated promptly.				
<b>SKIN:</b> Repeated or prolonged contact may result in irritation.				
<b>INGESTION:</b> May cause severe irritation of the digestive tract.				

**INHALATION:** Breathing spray or mist may cause respiratory irritation.

**LD50 (calculated):** LD50 5695 mg/kg

**LC50 (calculated):** not available

**OTHER TOXIC EFFECTS:** TLV-TWA (ethanol) 1000 ppm (1880 mg/m3)

**EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:** None known

### VI - FIRST AID MEASURES

**EYES:** Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician immediately.

**SKIN:** Flush affected area thoroughly with water. If irritation develops, contact a physician.

**INGESTION:** Drink large volumes of water. Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician immediately.

**INHALATION:** Remove patient to fresh air.

### VII - FIRE AND EXPLOSION DATA

**FLAMMABLE:** No

**FLASH POINT, °C:** not applicable

**AUTO IGNITION TEMPERATURE, °C:** not applicable

**EXTINGUISHING MEDIA:** Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other [ ]

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide, ammonia, nitrogen oxides.

**EXPLOSIVE SENSITIVITY TO:** not applicable

### VIII - REACTIVITY DATA

**STABILITY:** Stable [x] Unstable [ ]

**CONDITIONS TO AVOID:** not applicable

**INCOMPATIBILITY (Material to Avoid) :** Acids, anionic materials, strong oxidizing materials.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Heat released on contact with acids. Contact with anionic materials causes inactivation.  
Heat released on contact with oxidizing materials

**REACTIVITY:** not dangerously reactive

### IX - MSDS PREPARATION

**SOURCES USED:** RTECS, Raw Materials MSDS

**PREPARED BY:** JohnsonDiversey Canada, Inc.  
Regulatory Department  
Institutional Division  
Phone (905) 829-1200

**PREPARATION DATE:** March 10, 2006

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