



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 2918827
PRODUCT NAME: HEAVY DUTY VEHICLE CLEANER 695				
USE: Heavy duty vehicle cleaner				
SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada			EMERGENCY PHONE: 1-800-668-7171	
WHMIS CLASSIFICATION: E CHEMICAL FAMILY: Caustic alkali			TRADE NAME / SYNONYMS: not applicable CHEMICAL NAME: not applicable	
II - HAZARDOUS INGREDIENTS				
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium hydroxide	5-10	001310-73-2	LDlo 500 mg/kg	oral/rat
Tetrasodium EDTA	1-5	000064-02-8	LD50 3200 mg/kg	oral/rat
III - HANDLING AND DISPOSAL PROCEDURES				
PERSONAL PROTECTIVE EQUIPMENT:				
Gloves: Natural rubber or neoprene		Eye: safety goggles		Footwear: Rubber boots
Respiratory: If mists are generated, use NIOSH approved mask		Other: rubber apron		
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact. Do not breathe mist or spray.				
VENTILATION REQUIREMENTS: general ventilation				
INCOMPATIBILITY (Material to Avoid): Strong acids, strong oxidizers.				
SPILL PROCEDURES: Contain the spill. Do not allow the spilled product to go to drain. Mop up or soak up with absorbent clay for disposal. Sweep or scoop up material for disposal. Wash spill area with large volumes of water. Wear protective clothing.				
WASTE DISPOSAL: Dispose according to municipal, provincial, and federal regulations.				
STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container. Avoid freezing. UN1824				
IV - PHYSICAL PROPERTIES				
APPEARANCE / ODOUR: Clear liquid, Mild odour				
S.G. / BULK DENSITY(g/cc): 1.16		pH: (concentrate): 13.5		
VAPOUR PRESSURE (mmHg): 17.5 @ 20°C		VAPOUR DENSITY (air=1): not available		
ODOUR THRESHOLD: not available		BOILING POINT: approx. 100°C		
FREEZING POINT: 0°C		PERCENT VOLATILE: 80%		
SOLUBILITY IN WATER: soluble		EVAPORATION RATE (water=1): <1		
V - TOXICOLOGICAL PROPERTIES				
EFFECTS OF ACUTE EXPOSURE TO MATERIAL:				
EYES: Corrosive. May cause temporary or permanent damage if not treated promptly.				
SKIN: Corrosive. May cause severe irritation.				
INGESTION: Corrosive. May cause severe irritation of the digestive tract.				
INHALATION: Breathing spray or mist may cause respiratory irritation.				
LD50 (calculated): 6154 mg/kg			LC50 (calculated):	

OTHER TOXIC EFFECTS: TLV: TWA 2 mg/m3 (sodium hydroxide)

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: not applicable

FLASH POINT, °C: not applicable **AUTO IGNITION TEMPERATURE, °C:** N/App.

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: Oxides of carbon, nitrogen and sulfur.

EXPLOSIVE SENSITIVITY TO: not applicable

VIII - REACTIVITY DATA

STABILITY: Stable [x] Unstable []

CONDITIONS TO AVOID: not applicable

INCOMPATIBILITY (Material to Avoid) : Strong acids, strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Heat released on contact with acids.

REACTIVITY: not dangerously reactive.

IX - MSDS PREPARATION

SOURCES USED: RTECS, ChemInfo.

PREPARED BY: JohnsonDiversey Canada. Inc.
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