



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 00954	
PRODUCT NAME: COAGULITE 101					
USE: Liquid Iron Salt Coagulant					
SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada			EMERGENCY PHONE: 1-800-668-7171		
WHMIS CLASSIFICATION: E CHEMICAL FAMILY: not applicable			TRADE NAME / SYNONYMS: not applicable CHEMICAL NAME: not applicable		
II - HAZARDOUS INGREDIENTS					
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species	
Ferric Chloride	30-60	007705-08-0	LD50 1872 mg/kg	oral/rat	
III - HANDLING AND DISPOSAL PROCEDURES					
PERSONAL PROTECTIVE EQUIPMENT: Gloves: Neoprene or nitrile Eye: Safety goggles Footwear: Rubber boots Respiratory: If mists are generated, use NIOSH approved mask Other: Rubber apron, face shield					
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact. Avoid breathing mist or spray.					
VENTILATION REQUIREMENTS: General ventilation.					
INCOMPATIBILITY (Material to Avoid): Oxidizing agents, alkali and chlorinated compounds.					
SPILL PROCEDURES: Neutralize with sodium bicarbonate, sodium carbonate or lime. Contain the spill. Do not allow the spilled product to go to drain. Soak up with absorbent material then wash area with water.					
WASTE DISPOSAL: Dispose of according to municipal, provincial, and federal regulations					
STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container.					UN2582
IV - PHYSICAL PROPERTIES					
APPEARANCE / ODOUR: Red brown liquid with mild odour.					
S.G. / BULK DENSITY(g/cc): 1.41			pH: (1%) 1.2		
VAPOUR PRESSURE (mmHg): 40 @ 20°C			VAPOUR DENSITY (air=1): not applicable		
ODOUR THRESHOLD: not applicable			BOILING POINT: >100 °C		
FREEZING POINT: <0			PERCENT VOLATILE: 70%		
SOLUBILITY IN WATER: soluble			EVAPORATION RATE (water=1): not applicable		
V - TOXICOLOGICAL PROPERTIES					
EFFECTS OF ACUTE EXPOSURE TO MATERIAL:					
EYES: Corrosive. May cause severe irritation. May cause permanent eye damage.					
SKIN: Corrosive. May cause severe irritation.					
INGESTION: Corrosive. Harmful if swallowed. May cause severe irritation of the digestive tract. Causes neausea, vomiting, pain and diarrhea if product is ingested.					
INHALATION: Corrosive. Mist inhalation may irritate nose, throat and lungs.					
LD50 (calculated): 4806 mg/kg			LC50 (calculated): not available		

OTHER TOXIC EFFECTS: not available	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: Repeated overexposure may cause reversible liver and kidney damage.	
VI - FIRST AID MEASURES	
EYES:	Flush eyes with plenty of water for at least 15 minutes.. If irritation occurs, contact a physician immediately.
SKIN:	Wash affected area thoroughly water. If irritation occurs, 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. Get medical attention for any breathing difficulty.
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: No	
FLASH POINT, °C: not applicable	AUTO IGNITION TEMPERATURE, °C: not available
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: Hydrogen chloride and phosgene.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [x] Unstable []	
CONDITIONS TO AVOID: high temperature	
INCOMPATIBILITY (Material to Avoid) : Oxidizing agents,alkali and chlorinated compounds.	
HAZARDOUS DECOMPOSITION PRODUCTS: Heat released on contact with alkali materials	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RETCS, Supplier MSDS	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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