



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 00910	
PRODUCT NAME: COAGULITE 241					
USE: Liquid aluminum based coagulant					
SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada			EMERGENCY PHONE: 1-800-668-7171		
WHMIS CLASSIFICATION: E CHEMICAL FAMILY: Salt			TRADE NAME / SYNONYMS: not applicable CHEMICAL NAME: not applicable		
II - HAZARDOUS INGREDIENTS					
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species	
Aluminum chloride	40-70	007446-70-0	LD50 3700 mg/kg	oral/rat	
III - HANDLING AND DISPOSAL PROCEDURES					
PERSONAL PROTECTIVE EQUIPMENT: Gloves: Natural rubber or Neoprene Eye: Safety Goggles Footwear: As required Respiratory: If mists are generated, use NIOSH approved mask. Other: Not normally required.					
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact					
VENTILATION REQUIREMENTS: General ventilation					
INCOMPATIBILITY (Material to Avoid): Alkalis and chlorinated materials.					
SPILL PROCEDURES: 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.				UN2581	
IV - PHYSICAL PROPERTIES					
APPEARANCE / ODOUR: Clear yellow liquid; mild detergent odour					
S.G. / BULK DENSITY(g/cc): 1.28			pH: (concentrate): <1.0		
VAPOUR PRESSURE (mmHg): 14.2			VAPOUR DENSITY (air=1): not applicable		
ODOUR THRESHOLD: not applicable			BOILING POINT: 104°C		
FREEZING POINT: -35°C			PERCENT VOLATILE: 50%		
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. SKIN: Corrosive. May cause severe irritation. INGESTION: Harmful if swallowed. Causes nausea, vomiting, pain and diarrhea if product is ingested. INHALATION: Mist inhalation may irritate nose, throat and lungs.					
LD50 (calculated): 3700 mg/kg			LC50 (calculated): not available		
OTHER TOXIC EFFECTS: TLV: TWA (aluminum): 2 mg/m3					

EFFECTS OF CHRONIC None known
EXPOSURE TO MATERIAL:

VI - FIRST AID MEASURES

EYES: Flush eyes with plenty of water for at least 15 minutes. 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: 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 ☒ Dry Chemical ☒ Carbon Dioxide ☒ Foam ☐ Other ☐

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus

HAZARDOUS COMBUSTION PRODUCTS: Chlorine, hydrogen chloride.

EXPLOSIVE SENSITIVITY TO: not applicable

VIII - REACTIVITY DATA

STABILITY: Stable ☒ Unstable ☐

CONDITIONS TO AVOID: High temperature

INCOMPATIBILITY (Material to Avoid) : Alkalis and chlorinated materials.

HAZARDOUS DECOMPOSITION PRODUCTS: May corrode soft metals. Heat released on contact with acids.

REACTIVITY: Not dangerously reactive

IX - MSDS PREPARATION

SOURCES USED: RETCS, Supplier MSDS

PREPARED BY: JohnsonDiversey Canada, Inc.
Regulatory Department
Industrial Division
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