



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 00759
PRODUCT NAME: COAGULITE 201				
USE: Liquid aluminum 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
Aluminium Sulphate	40-70	010043-01-3	LD50 1900 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): Alkalies and soft metals.				
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..				
IV - PHYSICAL PROPERTIES				
APPEARANCE / ODOUR: Clear straw colored liquid				
S.G. / BULK DENSITY(g/cc): 1.33		pH: approx. 2.1		
VAPOUR PRESSURE (mmHg): 14.2		VAPOUR DENSITY (air=1): not applicable		
ODOUR THRESHOLD: not applicable		BOILING POINT: 101°C		
FREEZING POINT: -16°C		PERCENT VOLATILE: 52%		
SOLUBILITY IN WATER: soluble		EVAPORATION RATE (water=1): not applicable		
V - TOXICOLOGICAL PROPERTIES				
EFFECTS OF ACUTE EXPOSURE TO MATERIAL:				
EYES: Corrosive. May strongly irritate or burn eyes.				
SKIN: Corrosive. May cause severe irritation.				
INGESTION: Corrosive. Harmful if swallowed. Causes neausea, vomiting, pain and diarrhea if product is ingested.				
INHALATION: Mist inhalation may irriatate nose, throat and lungs.				
LD50 (calculated): 1900 mg/kg		LC50 (calculated): not available		
OTHER TOXIC EFFECTS: not available				

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:

Aluminium sulphate has been shown to cause liver, kidney and nervous system toxicity when tested in laboratory animals.

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.
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 [] Other []

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus

HAZARDOUS COMBUSTION PRODUCTS: Oxides of sulphur.

EXPLOSIVE SENSITIVITY TO: not applicable

VIII - REACTIVITY DATA

STABILITY: Stable [x] Unstable []

CONDITIONS TO AVOID: High temperature

INCOMPATIBILITY (Material to Avoid) : Alkali, aluminum and soft metals.

HAZARDOUS DECOMPOSITION PRODUCTS: At temperatures above 760°C, sulphur oxide and aluminium oxide gases are released. Sulphur oxide are toxic corrosive and are oxidizers.

REACTIVITY: Not dangerously reactive

IX - MSDS PREPARATION

SOURCES USED: RETCS, Supplier MSDS

PREPARED BY: JohnsonDiversey Canada, Inc.
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