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MATERIAL SAFETY DATA SHEET

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Revised 2/02/04  
Replaces 8/12/03  
Printed 2/03/04

COAGULITE 222

MSDS ID: 00953

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I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: COAGULITE 222  
PRODUCT DESCRIPTOR: WASTEWATER TREATMENT  
MANUFACTURER: JOHNSON DIVERSEY, INC. EMERGENCY PHONE NUMBER: (800)851-7145  
3630 E. KEMPER ROAD  
CINCINNATI, OH. 45241

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II. COMPOSITION/INFORMATION ON INGREDIENTS

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| INGREDIENT NAME(CAS NUMBER)                                      | % EXPOSURE LIMITS | UNITS |
|------------------------------------------------------------------|-------------------|-------|
| ALUMINUM CHLORHYDRATE<br>(SOLUBLE ALUMINUM SALTS)<br>(1327-41-9) | <55 TLV 2, PEL 2  | MG/M3 |

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III. HAZARDS IDENTIFICATION

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ROUTES OF ENTRY: INHALATION: NO  
SKIN: NO  
INGESTION: YES  
SIGNS AND SYMPTOMS OF EXPOSURE:  
ACUTE: MAY CAUSE EYE IRRITATION. PROLONGED CONTACT MAY CAUSE  
DRYNESS OF SKIN.  
CHRONIC: SAME AS ACUTE  
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:  
Sensitive skin

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IV. FIRST AID MEASURES

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EYES: FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES, GET  
MEDICAL ATTENTION.  
SKIN: FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER. REMOVE  
CONTAMINATED CLOTHES AND SHOES.  
INGESTION: GIVE SEVERAL GLASSES OF WATER - DO NOT INDUCE VOMITING. GET  
MEDICAL ATTENTION.  
INHALATION: N/A IN NORMAL OPERATION.

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V. FIRE FIGHTING MEASURES

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|                                    |       |                                                                                                                    |          |
|------------------------------------|-------|--------------------------------------------------------------------------------------------------------------------|----------|
| FLASH POINT: N/A                   | DEG F | FLAME EXTENSION: N/A                                                                                               | IN.      |
| FLAMMABLE LIMITS IN AIR BY VOLUME: |       | LEL: N/A                                                                                                           | UEL: N/A |
| UNUSUAL FIRE OR EXPLOSION HAZARDS: |       | NONE KNOWN                                                                                                         |          |
| EXTINGUISHING MEDIA:               |       | CO2, DRY CHEMICAL, FOAM, WATER                                                                                     |          |
| FIRE FIGHTING INSTRUCTIONS:        |       | MAY DECOMPOSE TO HYDROGEN CHLORIDE IN A<br>FIRE. IF FUMES ARE PRESENT, WEAR SELF<br>CONTAINED BREATHING APPARATUS. |          |

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**VI. ACCIDENTAL RELEASE MEASURES**

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IF MATERIAL IS RELEASED OR SPILLED: FLUSH SMALL AMOUNTS TO DRAIN. COLLECT AND RETURN LARGE SPILLS TO CONTAINER.

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**VII. HANDLING AND STORAGE**

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HANDLING AND STORAGE PRECAUTIONS: DO NOT PRESSURIZE CONTAINER TO EMPTY. IF FROZEN, THAW AND MIX TO MAKE USABLE. DOT CLASS: NON-REGULATED

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**VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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EYE/FACE PROTECTION: SAFETY GLASSES/CHEMICAL GOGGLES  
PROTECTIVE GLOVES: RUBBER OR NEOPRENE  
RESPIRATORY PROTECTION: USUALLY NOT REQUIRED  
OTHER PROTECTIVE CLOTHING/EQUIPMENT: CLOTHING TO PREVENT PROLONGED SKIN CONTACT.  
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

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**IX. PHYSICAL AND CHEMICAL PROPERTIES**

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BOILING POINT (F): 220                      SPECIFIC GRAVITY: 1.3400  
VOLATILE BY VOLUME: 50                      SOLUBILITY IN WATER: 100  
VAPOR PRESSURE (MMHG): 17.5                      AT  
APPEARANCE AND ODOR: CLEAR TO SLIGHTLY HAZY LIQUID; NO ODOR.

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**X. STABILITY AND REACTIVITY**

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CHEMICAL STABILITY: STABLE  
INCOMPATIBILITY WITH OTHER MATERIALS: NONE KNOWN  
HAZARDOUS DECOMPOSITION PRODUCTS: HYDROGEN CHLORIDE  
HAZARDOUS POLYMERIZATION: NONE KNOWN

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**XI. TOXICOLOGICAL INFORMATION**

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NO DATA AVAILABLE

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**XII. ECOLOGICAL INFORMATION**

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NO DATA AVAILABLE

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**XIII. DISPOSAL CONSIDERATIONS**

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WASTE DISPOSAL METHOD: USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER. TRIPLE RINSE CONTAINER WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE CONTAINER LABEL BEFORE SELLING OR DISPOSAL. CONTAINS NO PHOSPHATES.

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**XIV. TRANSPORT INFORMATION**

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HAZARDOUS MATERIALS DESCRIPTION/PROPER SHIPPING NAME:

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

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**XV. REGULATORY INFORMATION**

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U.S. FEDERAL REGULATIONS:

CERCLA/EPCRA:SECTION 313 TOXIC CHEMICALS:

ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.

LISTED CARCINOGEN: NONE

NTP: NO IARC: NO OSHA: NO

HMIS RATINGS: HEALTH: 1 FIRE: 0 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: B

STATE RIGHT-TO-KNOW INFORMATION:

ALUMINUM CHLORHYDRATE (CAS #1327-41-9)

WATER - CAS #7732-18-5

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**XVI. OTHER INFORMATION**

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THE INFORMATION IN THIS MSDS RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED OTHER THAN AS RECOMMENDED BY DIVERSEY LEVER OR IN COMBINATION WITH OTHER MATERIALS. IT IS THE USER'S RESPONSIBILITY TO EVALUATE THE APPLICABILITY OF THIS INFORMATION FOR HIS PARTICULAR CONDITIONS OF STORAGE, HANDLING AND USE.