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MATERIAL SAFETY DATA SHEET

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Page 1 of 3  
Revised 2/02/04  
Replaces 8/12/03  
Printed 2/03/04

COAGULITE 450

MSDS ID: 00951

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I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: COAGULITE 450  
PRODUCT DESCRIPTOR: COAGULANT  
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 |
|-----------------------------|---|-----------------|-------|
| -----                       |   |                 |       |
| NONE                        |   |                 |       |

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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: DEFATS SKIN; IRRITATES EYES  
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, GET MEDICAL ATTENTION.  
SKIN: FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER. REMOVE  
CONTAMINATED CLOTHES AND SHOES.  
INGESTION: GIVE MILK OR WATER. 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: 200                   | DEG F | FLAME EXTENSION: N/A | IN.       |
| FLAMMABLE LIMITS IN AIR BY VOLUME: |       | LEL: NONE            | UEL: NONE |
| UNUSUAL FIRE OR EXPLOSION HAZARDS: |       | NONE KNOWN           |           |
| EXTINGUISHING MEDIA:               |       | CO2, DRY CHEMICALS   |           |
| FIRE FIGHTING INSTRUCTIONS:        |       | NONE                 |           |

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VI. ACCIDENTAL RELEASE MEASURES

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IF MATERIAL IS RELEASED OR SPILLED: DO NOT FLUSH LARGE AMOUNTS TO SEWER,  
ABSORB SMALL AMOUNTS ON INERT SOLIDS; RESTRICT WATER USE IN CLEAN-UP.

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Page 2 of 3  
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VII. HANDLING AND STORAGE

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HANDLING AND STORAGE PRECAUTIONS: DO NOT PRESSURE CONTAINER TO EMPTY. KEEP CONTAINER CLOSED. IF FROZEN THAW AND MIX TO MAKE USABLE. AVOID CONTACT WITH ALUMINUM, COPPER AND IRON STORAGE CONTAINERS AND METERING EQUIPMENT.

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VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

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EYE/FACE PROTECTION: SAFETY GLASSES  
PROTECTIVE GLOVES: SOLVENT RESISTANT  
RESPIRATORY PROTECTION: NONE  
OTHER PROTECTIVE CLOTHING/EQUIPMENT: NONE  
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

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IX. PHYSICAL AND CHEMICAL PROPERTIES

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BOILING POINT (F): 212 SPECIFIC GRAVITY: 1.1600  
VOLATILE BY VOLUME: 100 SOLUBILITY IN WATER: <20  
VAPOR PRESSURE (MMHG): N/A AT  
APPEARANCE AND ODOR: AMBER LIQUID; MILD ODOR

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X. STABILITY AND REACTIVITY

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CHEMICAL STABILITY: STABLE  
INCOMPATIBILITY WITH OTHER MATERIALS: ALUMINUM, IRON, AND COPPER  
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON, HYDROGEN, AND NITROGEN  
HAZARDOUS POLYMERIZATION: NONE

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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 1" REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE CONTAINER WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE CONTAINER LABEL BEFORE SELLING OR DISPOSAL.

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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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Page 3 of 3  
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**XV. REGULATORY INFORMATION**

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U.S. FEDERAL REGULATIONS:

CERCLA/EPCRA:SECTION 313 TOXIC CHEMICALS:

LISTED CARCINOGEN: NONE

NTP: NO IARC: NO OSHA: NO

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

PERSONAL PROTECTIVE EQUIPMENT: B

STATE RIGHT-TO-KNOW INFORMATION:

1,2-ETHANEDIAMINE, POLYMER WITH (CHLOROMETHYL) OXIRANE AND N-METHYLMETHANAMINE - CAS #42751-79-1

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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.