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MATERIAL SAFETY DATA SHEET

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

RRF-1

MSDS ID: 06340

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I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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Product Name:

Product Descriptor:

MANUFACTURER: JOHNSON DIVERSEY, INC.  
3630 E. KEMPER ROAD  
CINCINNATI, OH. 45241

EMERGENCY PHONE NUMBER: (800)851-7145

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II. HAZARDOUS COMPONENTS

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Component Name	CAS Number	%	Exposure Limits	Units
RRF-1		>30%	None established	

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III. HAZARDS IDENTIFICATION

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EMERGENCY OVERVIEW:

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: CORROSIVE TO SKIN AND EYES DUSTS ARE CORROSIVE TO SKIN, EYES AND RESPIRATORY TRACT

CHRONIC: SAME AS ACUTE

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: SENSITIVE EYES, SKIN, IMPAIRED PULMONARY FUNCTION.

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IV. FIRST AID MEASURES

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V. FIRE FIGHTING MEASURES

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FLASH POINT (degrees F): NONE

FLAME EXTENSION: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME:

LEL: NONE

UEL: NONE

EXTINGUISHING MEDIA: CO2, DRY CHEMICALS

FIRE FIGHTING INSTRUCTIONS: Wear full protective gear and positive pressure breathing apparatus (SCBA) in fire area.

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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 AMOUNTS TO CONTAINER.

This product does not contain a reportable quantity (RQ) under CERCLA.

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VII. HANDLING AND STORAGE

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HANDLING AND STORAGE PRECAUTIONS: NO SPECIAL SEPARATION OR STORAGE AREA. KEEP COVER ON DRUM.

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VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

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EYE/FACE PROTECTION: FACE SHIELD  
PROTECTIVE GLOVES: ALKALI RESISTANT  
OTHER PROTECTIVE CLOTHING/EQUIPMENT: NONE  
ENGINEERING CONTROLS:  
MECHANICAL VENTILATION: Not usually required.  
LOCAL VENTILATION: YES

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IX. PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE AND ODOR:

BOILING POINT (DEG F): NONE FREEZING POINT: Not determined  
SPECIFIC GRAVITY/BULK DENSITY: pH 1% SOLUTION: Not Determined  
pH: 0  
VOLATILE BY VOLUME: 0 at 20 C VAPOR DENSITY: N/A  
VAPOR PRESSURE(mmHg): 2

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X. STABILITY AND REACTIVITY

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CHEMICAL STABILITY: STABLE  
INCOMPATIBILITY WITH OTHER MATERIALS: CO WITH INCOMPLETE COMPOUNDS,  
STRONG ACIDS CAUSE COMBUSTION. VIOLENT REACTIONS.  
HAZARDOUS DECOMPOSITION PRODUCTS: None known.  
HAZARDOUS POLYMERIZATION: NONE

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XI. TOXICOLOGICAL INFORMATION

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No data available.  
TOXICITY TEST DATA:  
No data available.

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XII. ECOLOGICAL INFORMATION

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ECOTOXICITY TEST DATA: No data available.  
ENVIRONMENTAL FATE: No data available.

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XIII. DISPOSAL CONSIDERATIONS

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RCRA REGULATED: Not Regulated.  
ADJUST ALKALINITY AND SEPARATE INSOLUBLES; DOES NOT CONTAIN PHOSPHATES.  
PHENOLS, CRESOLS, OR HEAVY METAL IONS. USE UNTIL LESS THAN 1 INCH REMAINS IN  
CONTAINER, EMPTY CONTAINER TRIPLE RINSE WITH WATER, DISPOSE TO INDUSTRIAL OR  
SANITARY SEWER REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL

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XIV. TRANSPORT INFORMATION

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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:

TSCA: All ingredients in this product are on TSCA inventory.

HAPS: Contains no hazardous air pollutants.

VOC CONTENT (EPA Method 24A): % VOC: Lb/Gal VOC:

CERCLA/EPCRA:

Section 313 Toxic Chemicals: None

SARA Section 311/312:

ACUTE:NO CHRONIC:NO FIRE:NO REACTIVITY:NO

SUDDEN RELEASE OF PRESSURE:NO

LISTED CARCINOGEN: NONE

NTP: NO IARC: NO OSHA: NO

HMIS RATINGS: HEALTH: FIRE: REACTIVITY:

PERSONAL PROTECTIVE EQUIPMENT:

NFPA RATING: HEALTH: FIRE: REACTIVITY: SPECIAL:

STATE RIGHT-TO-KNOW INFORMATION:

CALIFORNIA PROPOSITION 65:

None of the ingredients are on the California proposition 65 list.

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XVI. OTHER INFORMATION

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DISCLAIMER: The information contained in this material safety data sheet is based on the knowledge of this specific product and current national legislation. It applies to the product as sold, use dilutions may be less hazardous. It may not be valid for this material if used in combination with any other materials or in a process. It is the user's responsibility to evaluate the handling, and use.