
MATERIAL SAFETY DATA SHEET

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

IOC-110**MSDS ID: 04850**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:

Product Discriptor:

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

EMERGENCY PHONE NUMBER: (800)851-7145

II. HAZARDOUS COMPONENTS

Component Name	CAS Number	%	Exposure Limits	Units
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IOC-110		>30%	None established	

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

ACUTE: IRRITATES SKIN AND EYES. MAY CAUSE EYE DAMAGE. VAPORS ARE
RESPIRATORY IRRITANTS. MAY CAUSE ALLERGIC SKIN REACTION.

CHRONIC: FORMALDEHYDE INHALATION HAS BEEN SHOWN TO CAUSE CANCER IN LABORATORY
ANIMALS. STUDIES DO NOT PROVIDE ADEQUATE EVIDENCE FOR ASSESSING
CARCINOGENICITY IN MAN.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: SENSITIVE SKIN AND
IMPARED PULMONARY FUNCTION.

IV. FIRST AID MEASURES

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): 200

FLAME EXTENSION: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME:

LEL: NONE

UEL: NONE

EXTINGUISHING MEDIA: CO2, WATER, FOG, DRY CHEMICALS

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

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED:

USE PROTECTIVE CLOTHING IN SECTION 6. ABSORB ON FLOOR DRY MATERIAL. SWEEP
UP. PLACE IN WASTE DISPOSAL CONTAINER. RINSE WITH WATER. IMPOUND, COLLECT
AND RETURN LARGE AMOUNTS TO CONTAINER. NEUTRALIZE BEFORE DISPOSAL.

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

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Page 2 of 3
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MSDS ID: 04850

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: DO NOT PRESSURE CONTAINER TO EMPTY. KEEP CONTAINER CLOSED. IF FROZEN, RETURN TO PRODUCING PLANT. KEEP SEPARATE FROM STRONG ALKALIS AND STRONG OXIDIZERS.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: FACE SHIELD/CHEMICAL SPLASH GOGGLES
PROTECTIVE GLOVES: ACID RESISTANT
OTHER PROTECTIVE CLOTHING/EQUIPMENT: WEAR LONG SLEEVED SHIRT, BOOTS AND CHEMICAL RESISTANT APRON WHEN HANDLING.
ENGINEERING CONTROLS:
MECHANICAL VENTILATION: NORMAL AIR DILUTION
LOCAL VENTILATION: YES

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

BOILING POINT (DEG F): 212	FREEZING POINT: Not determined
SPECIFIC GRAVITY/BULK DENSITY:	
pH:	pH 1% SOLUTION: Not Determined
VOLATILE BY VOLUME: 50	
VAPOR PRESSURE(mmHg): 17.5 at 20 C	VAPOR DENSITY: N/A

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY WITH OTHER MATERIALS: OXIDES OF CARBON, HYDROGEN, AMMONIA, FORMALDEHYDE.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.
HAZARDOUS POLYMERIZATION: NONE

XI. TOXICOLOGICAL INFORMATION

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

XII. ECOLOGICAL INFORMATION

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

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Not Regulated.
DISPOSE IN ACCORDANCE WITH APPLICABLE GOVERNMENTAL REGULATIONS. USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE CONTAINER WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE CONTAINER LABEL BEFORE SELLING OR DISPOSAL.

MATERIAL SAFETY DATA SHEET

Page 3 of 3
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IOC-110

MSDS ID: 04850

XIV. TRANSPORT INFORMATION

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

XV. REGULATORY INFORMATION

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: FORMALDEHYDE

NTP: YES IARC: YES OSHA: YES

HMIS RATINGS: HEALTH: 2 FIRE: 2 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: D

NFPA RATING: HEALTH: FIRE: REACTIVITY: SPECIAL:

STATE RIGHT-TO-KNOW INFORMATION:

FORMALDEHYDE - CAS #50-00-0

THIS PRODUCT MAY CONTAIN MORE THAN ONE TRADE SECRET INGREDIENT.

CALIFORNIA PROPOSITION 65:

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

XVI. OTHER INFORMATION

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.