
MATERIAL SAFETY DATA SHEET

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

M&M HEAVY DUTY CHLORINATED CIP**MSDS ID: 08778**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:

Product Descriptor:

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
M&M HEAVY DUTY CHLORINATED CIP		>30%	None established	

III. HAZARDS IDENTIFICATION

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

ACUTE: CAUSES BURNS TO EYES AND SKIN. INHALATION OF MISTS OR DUSTS
IRRITATES OR CAUSES BURNS TO RESPIRATORY SYSTEM AND LUNG TISSUE.
HARMFUL OR FATAL IF SWALLOWED.

CHRONIC: NO KNOWN HAZARDS

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: SENSITIVE SKIN. DUST OR
MIST MAY AGGRAVATE RESPIRATORY DISEASE.

IV. FIRST AID MEASURES

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): NONE

FLAME EXTENSION: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME:

LEL: NONE

UEL: NONE

EXTINGUISHING MEDIA: WATER SPRAY, CO2, DRY CHEMICAL

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:

CONTAIN SPILL. SWEEP UP OR VACUUM. PLACE IN COMPATIBLE CONTAINER. WASH SPILL
AREA THOROUGHLY WITH WATER. CERCLA PRODUCT RQ = 5,000 LBS.

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

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VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: STORE IN A COOL, DRY PLACE. KEEP OUT OF THE REACH OF CHILDREN. KEEP AWAY FROM ACIDS. DO NOT ADD TO HOT WATER (100 DEGREES F). WHEN DILUTING, ADD AND STIR SLOWLY TO AVOID VIOLENT SPATTERING AND HEAT GENERATION.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: CHEMICAL GOGGLES, SIDE SHIELDED SAFETY GLASSES, OR FACE SHIELD

PROTECTIVE GLOVES: RUBBER/CHEMICAL RESISTANT

OTHER PROTECTIVE CLOTHING/EQUIPMENT: WEAR APRON, PROTECTIVE CLOTHING AND FOOTWEAR. LAUNDER CLOTHES BEFORE REUSE. SAFETY SHOWER/EYE WASH.

ENGINEERING CONTROLS:

MECHANICAL VENTILATION: MAINTAIN PEL/TLV

LOCAL VENTILATION: TLV LEVEL

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

BOILING POINT (DEG F): >1832

FREEZING POINT: Not determined

SPECIFIC GRAVITY/BULK DENSITY:

pH:

pH 1% SOLUTION: Not Determined

VOLATILE BY VOLUME: 0

VAPOR PRESSURE(mmHg): N/A at

VAPOR DENSITY: N/A

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE

INCOMPATIBILITY WITH OTHER MATERIALS: CHLORINE OR ORGANO-CHLORINE GASES WHEN MIXED WITH ACIDS OR HEATED ABOVE 250 DEGREES F.

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.

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XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Not Regulated.
CORROSIVE MATERIAL - D004 RCRA HAZARDOUS DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, OR FEDERAL REGULATIONS. TRIPLE RINSE EMPTY CONTAINER WITH WATER, ADD RINSATE TO OPERATION. REMOVE OR DEFACE LABEL BEFORE SELLING, RECYCLING, OR DISPOSAL OF CONTAINER.

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: NONE
NTP: NO IARC: NO OSHA: NO
HMIS RATINGS: HEALTH: 3 FIRE: 0 REACTIVITY: 1
PERSONAL PROTECTIVE EQUIPMENT: D
NFPA RATING: HEALTH: FIRE: REACTIVITY: SPECIAL:
STATE RIGHT-TO-KNOW INFORMATION:
SODIUM HYDROXIDE - CAS #1310-73-2
SODIUM DICHORO-S-TRIAZINETRIONE - CAS #2893-78-9
SODIUM CARBONATE - CAS #497-19-8
SODIUM METASILICATE - CAS #6834-92-0
SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4
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.