
MATERIAL SAFETY DATA SHEET

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

MILLER CO MANUAL CHLOR CLNR

MSDS ID: 09302

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
MILLER CO MANUAL CHLOR CLNR		>30%	None established	

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: MAY CAUSE EYE AND SKIN IRRITATIONS RESULTING IN PAIN, REDNESS, SWELLING, AND ITCHING. MAY BE HARMFUL IF SWALLOWED. MAY CAUSE DIARRHEA, VOMITING, AND GASTRIC DISTRESS WITH PAIN. MAY CAUSE SLIGHT IRRITATIONS OF NOSE AND THROAT IF INHALED.

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, 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:

SWEEP UP PRODUCT AND PLACE IN A METAL CONTAINER. WASH AFFECTED AREA WITH WATER. CERCLA PRODUCT R.Q.: NOT ESTABLISHED.

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

MILLER CO MANUAL CHLOR CLNR

MSDS ID: 09302

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: STORE IN A COOL, DRY PLACE. KEEP CONTAINER CLOSED WHEN MOVING OR NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN. DO NOT MIX WITH ACIDS OR AMMONIA COMPOUNDS AS TOXIC OR HAZARDOUS GASES MAY BE RELEASED.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

PROTECTIVE GLOVES: RUBBER OR CHEMICAL RESISTANT

OTHER PROTECTIVE CLOTHING/EQUIPMENT: WEAR APRON, PROTECTIVE CLOTHING AND FOOTWEAR. LAUNDRY 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): N/A

FREEZING POINT: Not determined

SPECIFIC GRAVITY/BULK DENSITY:

pH:

pH 1% SOLUTION: Not Determined

VOLATILE BY VOLUME: N/A

VAPOR PRESSURE(mmHg): >0.1 at 20 C

VAPOR DENSITY: N/A

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE

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

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

HAZARDOUS POLYMERIZATION: NONE KNOWN

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.

MATERIAL SAFETY DATA SHEET

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

MILLER CO MANUAL CHLOR CLNR**MSDS ID: 09302**

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Not Regulated.

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, OR FEDERAL REGULATIONS. 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: NOT CARCINOGENIC

NTP: NO IARC: NO OSHA: NO

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

PERSONAL PROTECTIVE EQUIPMENT: C

NFPA RATING: HEALTH: FIRE: REACTIVITY: SPECIAL:

STATE RIGHT-TO-KNOW INFORMATION:

SODIUM CARBONATE - CAS #497-19-8

SODIUM SULFATE - CAS #7757-82-6

SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4

SODIUM DODECYLBENZENE SULFONATE - CAS #25155-30-0

SODIUM DICHLORO-S-TRIAZINETRIONE - CAS #2893-78-9

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.