



MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/16/2012

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PREPARED BY:

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EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **CHEMDEX, Moderately Alkaline, Chlorinated Powder Cleaner**

PRODUCT CODE: 118441

NFPA/HMIS HAZARD CODES(minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 1/1

Fire: 0/0

Reactivity: 0/0

Special/Protective Equipment: None/B

NAME OF THE MANUFACTURER: Rochester Midland Corporation
155 Paragon Drive
Rochester, New York 14624
USA

Emergency Phone:
INFOTRAC: 1-800-535-5053
OUTSIDE US: 1-352-323-3500

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: Causes irritation of the stomach and intestines, resulting in nausea and/or vomiting.
SKIN CONTACT: May cause moderate skin irritation. May cause mild skin irritation.
INHALATION: Irritating to respiratory tract in high concentrations.
EYE CONTACT: Causes moderate eye irritation.
CHRONIC EFFECTS: None known.
EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP.
ROUTES OF ENTRY: Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
SODIUM CARBONATE 497-19-8	60.0-100.0	Not applicable	Not applicable
Sodium tripolyphosphate 7758-29-4	10.0-30.0	Not applicable	Not applicable
Sodium dodecylbenzene sulfonate 25155-30-0	1.0-5.0	Not applicable	Not applicable
SODIUM DICHLOROISOCYANURATE, DIHYDRATE 51580-86-0	1.0-5.0	Not applicable	Not applicable

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Rinse mouth. Get immediate medical attention.
SKIN: Flush skin with large amounts of water. If irritation persists, get medical attention. Remove contaminated clothing and launder before reuse.
INHALATION: If inhaled, move victim to fresh air and seek medical attention.
EYES: In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.
NOTES TO PHYSICIAN: None.

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5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	(F): None (C): None
METHOD:	None
FLAMMABLE LIMITS IN AIR	
LOWER (%):	No data
UPPER (%):	No data
SENSITIVITY TO MECHANICAL IMPACT(Y/N):	NO
SENSITIVITY TO STATIC DISCHARGE:	Sensitivity to static discharge is not expected.
SUITABLE EXTINGUISHING MEDIA:	Water fog, carbon dioxide, foam, dry chemical.
FIRE FIGHTING PROCEDURES:	Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:	
SMALL SPILLS:	Reclaim as much as possible.
LARGE SPILLS:	Reclaim as much as possible. Shovel or sweep up residue and place in suitable containers.
PERSONAL PRECAUTIONS:	Not applicable
ENVIRONMENTAL PRECAUTIONS:	Not applicable
METHODS FOR CLEANING UP:	Not applicable

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN	WARNING Avoid contact with eyes, skin and clothing. Avoid generating or breathing dust.
IN HANDLING AND STORAGE:	Keep dry. Store away from acids.
OTHER PRECAUTIONS:	No other spill procedures necessary.
SPECIFIC USE(S):	Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:	Localized ventilation should be used to control dust levels.
RESPIRATORY PROTECTION:	NIOSH approved respirator if spray mist in air causes irritation.
PROTECTIVE GLOVES:	Chemical resistant gloves are recommended to minimize skin contact.
EYE PROTECTION:	Safety glasses are recommended to minimize eye contact.
OTHER PERSONAL PROTECTION EQUIPMENT:	None required. Eyewash fountains and safety showers must be easily accessible. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.
VENTILATION:	General mechanical and/or local exhaust as needed if mist or vapors cause irritation.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Off-white. Powder. Chlorine odor.	
BOILING POINT (F):	Not determined	(C) Not determined
VAPOR PRESSURE:	Not determined	
VAPOR DENSITY (AIR=1):	Not determined	
SOLUBILITY IN WATER:	Complete	
SPECIFIC GRAVITY:	Not determined	
VOC Content (%):	Not determined	
EVAPORATION RATE:	Not determined	
PH:	11 (4%)	

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9. PHYSICAL AND CHEMICAL PROPERTIES

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: Oxides of Phosphorus. Chlorine gas.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids and oxidizers.
CONDITIONS/HAZARDS TO AVOID: Moisture.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Not Established
EFFECTS OF CHRONIC EXPOSURE: Not established.
OTHER TOXIC EFFECTS: Not established.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time
CHEMICAL FATE INFORMATION: No data at this time.
MOBILITY: Not applicable.
PERSISTENCE/DEGRADABILITY: Not applicable
BIOACCUMULATIVE POTENTIAL: Not applicable
OTHER ADVERSE EFFECTS: Not applicable

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State and Local regulations.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
SODIUM CARBONATE 497-19-8	60.0-100.0	Listed	Listed	Listed	Not Listed
Sodium tripolyphosphate 7758-29-4	10.0-30.0	Not Listed	Listed	Not Listed	Not Listed
Sodium dodecylbenzene sulfonate 25155-30-0	1.0-5.0	Listed	Listed	Listed	Not Listed
SODIUM DICHLOROISOCYANURATE, DIHYDRATE 51580-86-0	1.0-5.0	Not Listed	Not Listed	Not Listed	Not Listed

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PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
SODIUM CARBONATE 497-19-8	60.0-100.0	Not Listed	Not Listed	Not Listed
Sodium tripolyphosphate 7758-29-4	10.0-30.0	Not Listed	Not Listed	Not Listed
Sodium dodecylbenzene sulfonate 25155-30-0	1.0-5.0	1000 lb 454 kg	Not Listed	Not Listed
SODIUM DICHLOROISOCYANURATE, DIHYDRATE 51580-86-0	1.0-5.0	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
SODIUM CARBONATE 497-19-8	60.0-100.0	Listed
Sodium dodecylbenzene sulfonate 25155-30-0	1.0-5.0	Listed
SODIUM DICHLOROISOCYANURATE, DIHYDRATE 51580-86-0	1.0-5.0	Listed

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	MARTK:
Sodium tripolyphosphate 7758-29-4	10.0-30.0	Listed
Sodium dodecylbenzene sulfonate 25155-30-0	1.0-5.0	Listed
SODIUM DICHLOROISOCYANURATE, DIHYDRATE 51580-86-0	1.0-5.0	Listed

The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	NJRTK:
Sodium dodecylbenzene sulfonate 25155-30-0	1.0-5.0	Listed
SODIUM DICHLOROISOCYANURATE, DIHYDRATE 51580-86-0	1.0-5.0	Listed

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	PARTK:
Sodium tripolyphosphate 7758-29-4	10.0-30.0	Listed
Sodium dodecylbenzene sulfonate 25155-30-0	1.0-5.0	Listed
SODIUM DICHLOROISOCYANURATE, DIHYDRATE 51580-86-0	1.0-5.0	Listed

16. OTHER INFORMATION

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

***** END OF MSDS *****