



Material Safety Data Sheet

1.0 Chemical Product and Company Identification:

1.1	Product Name:	MCL 216 ACID RINSE AID
1.2	Product Type:	Rinse Additive
1.3	Company	Noramtech Corporation 19 Elmwood Avenue Kansas City, Kansas 66103
1.4	Phone	1-800-643-9070; 1-913-713-4120; Fax 1-913-713-4127
1.5	Emergency	Chemtrec 1-800-424-9300

2.0 Hazardous Components

PRINCIPAL HAZARDOUS COMPOUNDS	CAS #	Wt %	THRESHOLD LIMIT VALUE (UNITS)
Phosphonic Acid, (1-hydroxy-ethylidene)bis-	2809-21-4	6-8	CORROSIVE
<p>SECTION 313: This product is not known to contain any compound listed and in quantities requiring reporting under SARA Title III Section 313.</p> <p>CALIFORNIA PROPOSITION 65: This product is not known to contain any material listed under California's Proposition 65.</p>			

3.0 Physical Data

3.1	Appearance:	Blue clear liquid
3.2	Solubility in water:	Complete
3.3	PH 0.5% Solution	Acidic
3.4	Boiling Point	>200 F.
3.5	Flash Point	>124 F. Aqueous solution of combustible material
3.6	Vapor Pressure	NA
3.7	Specific Gravity/Density	1.04

4.0 Fire and Explosion Data

4.1	Special Fire Hazards:	Always wear NIOSH-approved self-contained breathing apparatus when fighting chemical fires.
4.2	Fire Fighting Methods:	Water, dry chemical, foam, CO2
4.3	Unusual Fire and Explosion Hazards:	Solution is acidic

5.0 Reactivity Data

5.1	Stability:	Yes
5.2	Conditions to Avoid:	Strong oxidants. Do not mix with other cleaners or bases. Avoid heat or open flame.
5.3	Hazardous Decomposition Products:	Oxides of carbon and sulfur.

6.0 Spill or Leak Procedures

6.1	Cleanup and Disposal:	Liquid waste disposal in accordance with local, state and federal regulations. Prior permitting may be required before any detergent material can be put into city sewers.
6.2	Steps to be taken if released or spilled:	Reclaim for use or rinse to sewer.

7.0 Health Hazard Data

7.1	Effects of overexposure:	Eyes: X Skin: X Ingestion: X Inhalation: Chronic Exposure:
7.2	Signs and Symptoms of Exposure:	Mild eye and skin irritant. Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

8.0 First Aid

8.1	Eyes:	Flush with running cool water for 10-15 minutes and see physician.
8.2	Skin:	Flush thoroughly with running water.
8.3	Ingestion:	DO NOT induce vomiting. Rinse mouth and then immediately drink 1-2 large glasses of water and see physician at once.
8.4	Inhalation:	Remove person to fresh air. Never give any liquids by mouth to an unconscious person.

9.0 Protective Measures

9.1	Eyes Protection:	Eye wash equipment suggested.
9.2	Skin Protection:	Chemical resistant gloves for prolonged exposure.
9.3	Respiratory Protection:	NA
9.4	Ventilation Protection:	NA

10.0 Special Precautions

10.1	Handling and Storage Precautions:	Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Remove and launder contaminated clothing before reuse. Avoid breathing dust. Keep partially used containers closed and away from heat and high humidity. Do not exceed storage temperatures of 100° F.
10.2	Transport Information	DOT Class: Not regulated, Item 48580 Sub 3 Class 55 DOT Proper Shipping Name: Refer to bill of lading or container label for DOT or other transportation hazard classification if any.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. The stated MSDS is reliable to the best of the company's knowledge and believed accurate as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

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