

HAZARD RATING Fire [1] Health [1] Reactivity [0] Special: Nothing
4-Extreme 1-Slight
3-High 0-Insignificant
2-Moderate

MATERIAL SAFETY DATA SHEET

DATE PREPARED: January 4, 2003

SECTION 1 - PRODUCT IDENTIFICATION

Manufacturer's Name NORAMTECH CORPORATION
Address: 19 Elmwood Avenue, Kansas City, KS 66103
Trade Name: LOW TEMPERATURE RINSE ADDITIVE MCL-226
DOT Classification: Not regulated

Emergency Telephone Number: 1-800-424-9300
Information Telephone Number: 1-913-713-4120
Product Type: Rinse Additive

SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/Common Name	CAS Number	PERCENT (optional)	TLV (Source)
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Does not contain any hazardous ingredients

SECTION 3 - PHYSICAL DATA

Boiling Point F. >200 F. SPECIFIC GRAVITY 1.01 pH Neutral
Vapor Pressure mm Hg. Not Estab. VAPOR DENSITY (Air = 1) Not Estab.
Solubility in water Complete [X] Insoluble [] Emulsifiable [] Slight []
Evaporation rate (vs. Water) Faster [] Slower [] About the same [X]
Percent Volatile by Volume < 1 Appearance and Odor: Blue clear liquid, no odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point F (TCC) >200F. Aqueous solution of combustible materials Flammable Limits in Air, % by Volume:
Extinguishing Media: Water, foam, dry chemical, CO2 Not Established
Special Fire Fighting Procedures: Self-contained breathing apparatus should be used for any chemical fire
Unusual Fire and Explosion Hazards: None known

SECTION 5 - REACTIVITY DATA

Stability: Yes Incompatibility: Strong oxidants. Do not mix with other cleaners
Hazardous Decomposition Products: Oxides of carbon and sulfur

SECTION 6 - HEALTH HAZARD DATA

Routes of entry Eye [X] Inhalation [] Skin [X] Ingestion [X]
Signs and Symptoms of Exposure: Mild eye and skin irritant; ingestion can cause gastrointestinal irritation,
nausea, vomiting, and diarrhea
Carcinogen or Suspected Ingredients: NTP [] IARC [] OSHA [] None [X]

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

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

SECTION 8 - SPILL, LEAK, AND DISPOSAL PROCEDURES

Steps to be Taken if Released or Spilled: Reclaim for use or rinse to sewer.
Waste Disposal Methods: Liquid waste disposal in accordance with local, state, and federal regulations. Prior permitting may be required before putting any detergent material into city sewers.

SECTION 9 - SPECIAL HANDLING INFORMATION

Respiratory Protection: None required or needed
Ventilation Requirements: Local Exhaust [] Mechanical [] Other [] None
Protective Gloves: Chemical resistant gloves for prolonged exposure and safety glasses or goggles.
Other Equipment: Eye wash equipment suggested.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken: Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.
Keep container closed when not in use.

The information provided on this MSDS is correct to the best of our knowledge but NORAMTECH CORPORATION provides this information without warranties, either expressed or implied. The hazards provided in this Material Safety Sheet apply to this product in its concentrated form, and may differ significantly after dilution.

Contains all information required for OSHA Form 174, September 1985