

# MATERIAL SAFETY DATA SHEET

## SECTION I

**Product Name** BM-F2000 Tank & Transport Cleaner

**Chemical Family** Muriatic Acid Replacement (Patent Pending)

Health: 2

Flammability: 0

Reactivity: 0

Name of Supplier

Address

Telephone



**Groupe B. M. Group**

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## SECTION II - HAZARDOUS INGREDIENTS

<u>Hazardous Ingredients</u>	<u>Approximate Concentration</u>	<u>C.A.S.</u>
Organic Salt (Patent Pending)	60-1000	n/a

## SECTION III - PHYSICAL DATA

Appearance and odour:	colorless liquid
Boiling Point:	212 <sup>o</sup> Farenheit
Specific gravity:	1.21
Odor:	mild odor
Evaporation rate:	2.7
Solubility in water:	soluble

## SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability:	No
Means of Extinction:	Water spray, carbon dioxide, dry chemical
Special procedures:	None
Flashpoint:	Does not ignite
Unusual Fire & Explosion Hazard:	At temperature above 140 <sup>o</sup> F acid action on most metals may release Hydrogen, a highly flammable and explosive gas.
Special Fire Fighting Instruction:	Evacuate personnel to a safe area. Avoid breathing decomposition products. Wear self-contained breathing apparatus and full body protection.

## SECTION V - REACTIVITY AREA

**Stability:** Metal contact may cause Hydrogen release  
**Incompatible Materials:** Do not mix with metal powders. Do not mix with bases.  
**Hazardous Decomposition Products:** Thermal decomposition may yield oxides of carbon, nitrogen and chlorine. Hydrogen gas may be released upon contact with certain metals.  
**Hazardous Polymerization:** Will not occur

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## SECTION VI - TOXICOLOGICAL PROPERTIES OF MATERIAL

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Effects of acute Exposure:

Inhalation: Not a likely route of exposure due to physical properties.

Skin: prolonged and repeated skin exposure may be irritating  
Non Corrosive to skin: (as defined and tested in accordance with the U.S. OSHA's Hazard Communication Standard, Canada's WHMIS regulations and TDG Regulations)

Eye: Contact may be painful and irritating

Ingestion: This product may be harmful or fatal if ingested

Carcinogenicity: Not listed on NTP, IARC, ACGIH

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## SECTION VII - PREVENTIVE MEASURES

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Gloves: use impervious (rubber, nitrile) gloves

Eye protection: use chemical goggles or full face shield

Other protective equipment: Eye bath, Safety shower, full protective clothing

Engineering Controls: follow ACGIH industrial ventilation recommendations

Leak and Spill Procedure: Before attempting clean-up, refer to hazard data given above.

Eliminate all ignition sources. Small spills may be absorbed with non reactive absorbent (sand) and placed in suitable covered labeled containers. Prevent large spills from entering sewers or waterways.

Waste Disposal: Review federal and provincial government requirements prior to disposal.

Storage Requirements: Keep out of reach of Children. Keep container tightly closed. Do not transfer to metal containers, especially aluminium. Do not store at temperatures above 120°F

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## SECTION VIII - First Aid measures

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Eyes: Flush immediately with large amounts of water for 15 minutes. See a physician immediately.

Skin: Wash skin with plenty of water and soap for 15 minutes. Seek medical attention if irritation develops. Remove contaminated clothing and launder before reuse.

Inhalation: Remove to fresh air and get immediate medical attention.

Ingestion: Give large amounts of (3-4 glasses) water if victim is conscious and get immediate medical attention. Do not induce vomiting.

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## ADDITIONAL NOTES:

The above information is accurate to the best of our knowledge, however since date, safety standards and government regulations change, and the conditions of handling and use or misuse are beyond our control, seller makes no warranty either expressed or implied with respect to the completeness or continuing accuracy of information herein and disclaims all liability for reliance thereon.

Date:



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