

**MATERIAL SAFETY DATA SHEET**  
**OSHA'S HAZARD COMMUNICATION STANDARD**  
**UNITED STATES DEPARTMENT OF LABOR**  
**29 CFR 1910.120**

**SECTION I: IDENTIFICATION DATA:**

**ANY NAME:** MX-7 INDUSTRIES  
**ADDRESS:** P. O. BOX 971106  
**CITY:** WAIPAHU **STATE:** HAWAII **ZIP CODE:** 96797-8106

**EMERGENCY (24 HOURS) CALL:** Primary: (808) 722-7326  
**Contact Person:** Primary: Eddie Alconcel

**Product Name:** MX-7 PLUS **Identity #:** 6977587  
**Application:** Hard Water Spot/Stain Remover And Cleaner (Designed For All Painted Surfaces)

**Date Prepared:** 04-27-2014

**SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION DATA:**

**HAZARDOUS COMPONENT INFORMATION**

<u>Principal Hazard Components</u>	<u>CAS No.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>WEIGHT%</u>
Ammonium Bifluoride	1341-49-7	2.5MG/M3	2.5MG/M3	OPTIONAL
Phosphoric Acid*	7664-38-2	3MG/M3	3MG/M3	OPTIONAL
Alcohols, Ethoxylated	Proprietary	N/A	N/A	OPTIONAL

**DOT#:** 16 oz./1 Qt: Ltd. Qty; >1 Gal: Ammonium Hydrogendifluoride Solution, 8, UN2817, PGII

**SARA TITLE III SECTION 313 AND 40 CFR NOTIFICATION:**

\*Phosphoric Acid is regulated under Sara Title III (Release reporting and TSCA Chemical Inventory).

**SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS DATA:**

<b>Boiling Point (F):</b> >212 F	<b>Specific Gravity (water = 1):</b> 1.03
<b>Vapor Pressure (mm Hg):</b> ND	<b>Melting Point:</b> Not Tested
<b>Vapor Density (Air = 1):</b> ND	<b>Evaporation Rate (Butylacetate = 1):</b> ND
<b>Percent Volatile (VOC Content):</b> None	<b>Solubility in Water:</b> 100%
<b>Appearance and Odor:</b> Green Liquid/Mint Odor	<b>pH:</b> 2-3

**SECTION IV: FIRE AND EXPLOSION HAZARD DATA:**

<b>Flash Point (F):</b> None	<b>NFPA HAZARD RATINGS:</b>	<b>KEY:</b> 0 = Insignificant
<b>Lower Explosive Limit (LEL):</b> NE	<b>Health = 3</b>	1 = Mild/Slight
<b>Upper Explosive Limit (UEL):</b> NE	<b>Flammability = 0</b>	2 = Moderate
<b>Extinguishing Media:</b> None	<b>Reactivity = 0</b>	3 = High
<b>Special Fire Fighting Procedures:</b> None	<b>Special Hazard = 0</b>	4 = Extreme
<b>Unusual Fire and Explosion Hazards:</b> None		

**SECTION V: REACTIVITY DATA:**

**Stability:** Stable  
**Conditions To Avoid:** None  
**Incompatible Materials To Avoid:** Strong Oxidizers  
**Hazardous Decomposition Or Byproducts:** Co, Co2  
**Hazardous Polymerization:** Will Not Occur

## SECTION VI: HEALTH HAZARD DATA:

### ROUTES OF ENTRY:

**INHALATION?** - Possible

**SKIN?** - Possible

**INGESTION?** - Possible

**HEALTH HAZARDS?** - Same as signs and Symptoms of Exposures.

**NOTE** - All Chemicals Incorporated into this Product are Found on the TSCA Inventory List.

**NATIONAL TOXICOLOGY PROGRAM (NTP)?** - None

**OSHA CARCINOGENICITY?** - None

**IARC MONOGRAPHS?** - None

## SECTION VII: FIRST AID DATA:

### SIGNS AND SYMPTOMS OF OVER EXPOSURE:

**EYES:** Burning Sensation. Contact with Eyes may cause Corneal damage and blindness.

**SKIN:** Irritant. Corrosive to skin. May cause burns or dryness if allowed to remain on skin for prolonged periods.

**INGESTION:** Burning Irritation, **NAUSEA**. Ammonium Bifluoride solution may be toxic.

Will irritate gastrointestinal tract. Contact Physician if ingested.

**INHALATION:** Irritation. May cause irritation of respiratory tract if inhaled for prolonged periods.

Medical Conditions Generally Aggravated by Exposures - Same as Signs and Symptoms of Over Exposure.

### EMERGENCY AND FIRST AID PROCEDURES:

**EYES:** Flush With Plenty of Water For 15 Minutes. If Irritation Persists, Call Physician.

**SKIN:** Wash Off With Soap & Water. Clean Underneath Fingernails. If Irritation Persists, Soak In Milk For About 15 to 30 Minutes. If Irritation Still Persists, Call A Physician.

**INGESTION:** Drink Large Amounts of Water, Call Physician.

**INHALATION:** Get Person To Fresh Air If Unconscious, Call Physician.

## SECTION VIII: PRECAUTIONS FOR SAFE HANDLING AND USE DATA:

Steps to be taken in case material is released or spilled. Soak up with inert, absorbent material. Scoop up and place in a proper waste disposal container.

**WASTE DISPOSAL METHOD:** Dispose of in accordance to Federal, State and local regulations. Precautions To Be Taken In Handling and Storing. Store in a cool, dry place, out of direct sunlight. **DO NOT FREEZE OR HEAT ABOVE 110 F.**

**OTHER PRECAUTIONS:** **KEEP OUT OF REACH OF CHILDREN.** Follow all directions on the container for proper use of this product.

## SECTION IX: SPECIAL PROTECTION CONTROL INFORMATION:

**Respiratory Protection:** Open all doors and windows. If exposure is above TLV or PEL, a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134, is required.

**VENTILATION:** **Local Exhaust** - If Available  
**Mechanical** - If Available

**Special** - None  
**Other** - None

**Protective Gloves:** Plastic or Rubber, Chemical Resistant Gloves.

**Eye Protection:** Glasses, or Goggles.

**Other Protective Clothing or Equipment:** None

**Work Hygienic Practices:** Use common sense and care around chemicals. Never mix chemicals. Consult your supervisor or distributor for other practices. All practices depend on your specific business. Directions for use are normally found on label which will dictate engineering and control measures.

**NOTE:** MX-7 INDUSTRIES believes the data set forth are accurate. MX-7 INDUSTRIES makes no warranty with respects thereto and disclaims all liability for reliance's thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product.