

**CHEMAX**  
CORPORATION

**MATERIAL SAFETY DATA SHEET**

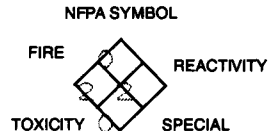
**EMERGENCY PHONE 1-800-346-0132**

P. O. Box 7453, Beaumont, TX 77726-7453  
Phone (409) 866-4232 FAX (409) 866-4424

MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATION STANDARD (HSC) 29 CFR 1910, 1200, STANDARD MUST BE CONSULTED FOR SPECIFIC REQUIREMENTS.

HMIS SYMBOL	
HEALTH	2
FLAMMABILITY	0
REACTIVITY	2

HMIS	NFPA
SEVERE 4	EXTREME
SERIOUS 3	HIGH
MODERATE 2	MODERATE
SLIGHT 1	SLIGHT
MINIMAL 0	INSIGNIFICANT



**PRODUCT IDENTIFICATION:** MF-1 MAX FORCE 1  
DATE: 01/02/03

**SECTION I: HAZARDOUS INGREDIENTS**

CAS NUMBER	CHEMICAL NAME	%	TLV (PPM)
1310-73-2	SODIUM HYDROXIDE	.5 - 1.5	2
7601-54-9	TRISODIUM PHOSPHATE	1-3	N/E
6834-92-0	SODIUM METASILICATE	1-3	N/E
7758-29-4	SODIUM TRIPOLYPHOSPHATE	2-3	N/E
26027-38-3	NONYLPHENOL SURFACTANT	1	N/E
61789-40-0	AMPHOTERIC SURFACTANT	2	N/E
7732-18-5	INERT INGREDIENTS (includes water)	86.5 - 92.5	N/E
TOTAL + -		100%	

**SECTION II: PHYSICAL DATA**

BOILING POINT: 205 F  
 VAPOR PRESSURE: ( @25 C ): 26.6 mm Hg  
 VAPOR DENSITY: (AIR=1): 2.6  
 SOLUBILITY IN WATER: COMPLETE  
 SPECIFIC GRAVITY: 1.05  
 PERCENT VOLATILE BY VOLUME: 76%  
 EVAPORATION RATE: N/A  
 P H: N/A  
 APPEARANCE AND ODOR: GREEN & CLEAN SCENT

**SECTION III: FIRE AND EXPLOSION DATA**

FLASH POINT: NONE @ BOIL (C.C.)  
 FLAMMABLE LIMITS: N/A  
 EXTINGUISHING MEDIA: DRY CHEMICAL, FOAM, CARBON DIOXIDE  
 SPECIAL FIREFIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

**SECTION IV: HEALTH HAZARD DATA**

**THRESHOLD LIMIT VALUE:** N/A

**EFFECTS OF OVEREXPOSURE:**

SKIN IRRITANT w/PROLONGED EXPOSURE; CAN BE A GASTROINTESTINAL/EYE IRRITANT

**EMERGENCY FIRST AID PROCEDURES:**

**SKIN:** WASH WITH WATER

**EYES:** FLUSH WITH WATER

**INGESTION:** DRINK LARGE VOLUMES OF MILK OR OTHER LIQUIDS.  
SEEK IMMEDIATE MEDICAL ATTENTION.

**INHALATION:** REMOVE TO FRESH AIR

**SECTION V: REACTIVITY DATA**

**STABILITY DATA:** STABLE

**INCOMPATIBILITY:** AVOID MIXING WITH ACIDS

**HAZARDOUS DECOMPOSITION PRODUCTS:** N/A

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

**SECTION VI: SPILL OR LEAK PROCEDURES**

**SMALL SPILLS:** WIPE UP PRODUCT. RINSE SOILED AREA WITH WATER DOWN THE DRAIN.

**LARGE SPILLS:** STOP LEAK AT THE SOURCE AND COLLECT INTO A  
SUITABLE CONTAINER. TREAT AS A SMALL SPILL.

**AVOID BREATHING OF VAPORS AND ABSORPTION THROUGH SKIN.**

**FOLLOW STATE AND LOCAL REGULATIONS FOR DISPOSAL OF LARGE NON-RECLAIMABLE SPILLS.**

**SECTION VII: SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:** DEPENDS ON VAPOR CONCENTRATION ABOVE TLV. USE A  
NIOSH APPROVED CARTRIDGE RESPIRATOR OR GAS MASK.

**VENTILATION:** LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S)

**PROTECTIVE GLOVES:** FOR PROLONGED USE

**EYE PROTECTION:** SAFETY GLASSES

**OTHER PROTECTIVE EQUIPMENT:** NONE

**SECTION VIII: SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** STORE UNUSED PORTION IN  
THE ORIGINAL CONTAINER WITH CAP SECURE. AVOID EXTREME TEMPERATURES.

**OTHER PRECAUTIONS:** READ & FOLLOW THE DIRECTIONS ON THE PRODUCT LABEL. THEY  
ARE YOUR BEST GUIDE TO USING THIS PRODUCT IN THE MOST EFFECTIVE MANNER, AND  
THEY ALSO GIVE YOU THE NECESSARY SAFETY PRECAUTIONS TO PROTECT YOUR HEALTH.