HIGH SIERRA

MANN'S CIP FOAM

MATERIAL SAFETY DATA SHEET **** P.O. BOX 848 ______

CHIPPEWA FALLS, WI 54729

Phone#: (715) 723-4915

Latest Revision Date...06/01/11

Print Date......06/15/11

EMERGENCY PHONE NUMBER: 1-800-424-9300

PRODUCT IDENTIFICATION SECTION 1 ______

MANN'S CIP FOAM PRODUCT NAME OR NUMBER.... MANN'S CIP FOAM

TRADE NAME OR CHEMICAL NAME....

SYNONYMS.... N/A

FORMULA.... PROPRIETARY

CHEMICAL FAMILY..... ALKALINE CLEANER

MOLECULAR WEIGHT.... N/A

SEE SECTION 8 NFPA.... HMIS RATING..... SEE SECTION 8

HAZARDOUS INGREDIENTS / HAZARD DATA SECTION 2

CHEMICAL NAME(S) CAS NUMBER ł WT TLV-ACGIH PEL-OSHA SEC.313 NTP IARC POTASSIUM HYDROXIDE NONE No NO NO No 1310-58-3 <10.0 2MG/M3 TETRAPOTASSIUM PYROPHOSPHATE 7320-34-5 <5.0 NA NA No NA No

REGULATORY DATA SECTION 3

_______ NTP...... NATIONAL TOXICOLOGY PROGRAM

IARC..... INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

PROPOSITION 65..... THIS PRODUCT CONTAINS INGREDIENTS ON

THE LIST OF PROPOSITION 65.

STATE OF CALIFORNIA SAFE DRINKING WATER AND

TOXIC ENFORCEMENT ACT OF 1986.

SECTION 313 SARA TITLE III... THE CHEMICAL(S) MARKED WITH A "YES" ON

SECTION 313 ARE SUBJECT TO THE REPORTING

REQUIREMENTS OF THIS SECTION.

SECTION 4 PHYSICAL DATA

BOILING/MELTING POINT @760 mm Hg ≥212°F pH..... >12

SPECIFIC GRAVITY OR BULK DENSITY 1.11

SOLUBILITY IN WATER..... COMPLETE

CLEAR, ODORLESS LIQUID APPEARANCE.....

NONE

FIRE AND EXPLOSION HAZARD DATA SECTION 5

FLASH POINT °F (Test Method).... N/A

AUTOIGNITION TEMPERATURE..... NON FLAMMABLE

FLAMMABILITY LIMITS IN AIR (% V) NONE

EXTINGUISHING MEDIA..... WATER, CARBON DIOXIDE, DRY CHEMICAL.

SPECIAL FIRE FIGHTING PROCEDURES WEAR SELF CONTAINED BREATHING APPARATUS

AND FULL PROTECTIVE CLOTHING.

UNUSUAL FIRE & EXPLOSION HAZARDS IT CAN REACT WITH SOME METALS FORMING

FLAMMABLE HYDROGEN GAS.

MANN'S CIP FOAM	
SECTION 6 HEALTH HAZARD DATA * EFFECTS OF OVEREXPOSURE	
THRESHOLD LIMIT VALUESEE SECTION 2 SIGN OF OVEREXPOSURE: BYESWILL CAUSE SEVERE BURNS THAT RESULT IN DAMAGE TO THE BYES AND POSSIBLE BLINDNESS.	
SKINWILL CAUSE SEVERE BURNS AND IRRITATION WHICH MAY NOT BE IMMEDIATELY PAINFUL OR VISIBLE.	
INHALATION	
INGESTIONIF SWALLOWED, CAN CAUSE SEVERE BURNS OF MUCOUS MEMBRANES OF THE MOUTH, THROAT AND STOMACH.	
CHRONICNO KNOWN CHRONIC BFFECTS	
	ND FIRST AID PROCEDURES
INHALATIONREMOVE VICTIM TO FRESH AIR. IF BREATHING IS DIFFICULT, ASSIST BREATHING. SEEK MEDICAL HELP. BYE CONTACTIMMEDIATELY FLUSH BYES WITH LARGE QUANTITIES OF WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSH WITH WATER FOR AT LEAST 15 MINUTES. CONTACT A PHYSICIAN.	
SKIN CONTACTIMMEDIATELY WASH SKIN WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND FOOTWEAR. GET MEDICAL ATTETNION. WASH CLOTHING BEFORE REUSE.	
INGESTIONNEVER GIVE ANTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER. GET MEDICAL ATTENTION IMMEDIATELY.	
SECTION 8 HMI:	RATING SYSTEM
NPPA HMIS RATI	NG ==
HAZARD HEALTH HA	ZARD3 RD0
	Y2 PROTECTION: SEE SECTION 10
SPECIFIC HAZARD	
SECTION 9	ZACTIVITY DATA
PRODUCT STABILITY STABLE Conditions to Avoid	
CHEMICAL INCOMPATIBILITY	MIXTURE WITH WATER OR ACID CAN CAUSE SPLATTERING AND RELEASE OF LARGE AMOUNTS OF HEAT. IT CAN REACT WITH SOME METALS (SUCH AS ALUMINUM) FORMING FLAMMABLE
HYDROGEN GAS. HAZARDOUS DECOMPOSITION PRODUCTS NOT KNOWN	

WILL NOT OCCUR

YES

NO

MOISTURE, KEEP CONTAINER CLOSED.

HAZARDOUS POLYMERIZATION..... Conditions to Avoid.....

CORROSIVE TO METAL.....

OXIDIZER.....

MANN'S CIP FOAM

SECTION 10 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION. NIOSH/MSHA - approved organic vapor/dust acid-gas respirator when vapors or

dust dust are generated above the permissable limit above TLV or PBL

VENTILATION..Local exhaust to control to recommended P.E.L.

PROTECTIVE CLOTHING. Gloves, coveralls, aprons, boots, as necessary to prevent skin contact

BYE PROTECTION.. Chemical goggles.

OTHER PRECAUTIONS. Clean clothing should be worn daily.

SECTION 11

ENVIRONMENTAL DATA

ENVIRONMENTAL TOXICITY DATA..... NOT AVAILABLE

SPILL OR LEAK PROCEDURES...... CONTAIN AND PLACED IN APPROVED CONTAINER

FOR DISPOSAL. NEUTRALIZE REMAINING TRACES OF MATERIAL WITH SODA ASH, THEN FLUSH WITH WATER.

WASTE DISPOSAL METHOD...... PER LOCAL, STATE AND FEDERAL REGULATIONS.

CONTAINER DISPOSAL..... PER LOCAL, STATE AND FEDERAL REGULATIONS.

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SECTION 12

SHIPPING DATA

D.O.T. PROPER SHIPPING NAME..... POTTASIUM HYDROXIDE SOLUTION

HAZARDOUS SUBSTANCE..... NONE

D.O.T. HAZARD CLASS..... 8

D.O.T. LABELS REQUIRED..... CORROSIVE

D.O.T. PLACARDS REQUIRED..... CORROSIVE

POISON CONSTITUENT..... NO

BILL OF LADING DESCRIPTION..... MANN'S CIP FOAM

PACKING GROUP..... II

SECTION 13 SUPPLIER INFORMATION

While High Sierra Chemical believes the statements set forth herein are accurate as of the date hereof, High Sierra Chemical makes no warranty with repsect thereto and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation, and

verification.