

MATERIAL SAFETY DATA SHEET

CHEM-TEL, INC

24 HOUR EMERGENCY CONTACT # 800-2553924

APRIL 7, 2004

MARK MFG. CORP.

295 EDWARDIA DR.

GREENSBORO, N.C. 27409

SECTION I GENERAL PRODUCT DATA

CHEMICAL STRENGTH: SODIUM HYDROXIDE
FORMULA: PROPRIETARY
PRODUCT NAME: CHLORINE BLEACH
PRODUCT CODE: CM 151108 (A)
FORMULA : PROPRIETARY FORMULA
HMIS LEGEND: 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT
HMIS HAZARD CODE: HEALTH-2 FLAMMABILITY-0 REACTIVITY-0
CHEMICAL FAMILY: LIQUID BLEACH
DOT SHIPPING NAME: HYPOCHLORITE SOLUTIONS.
SUPPLIERS NAME: Mark Mfg.
295 EDWARDIA DR.
GREENSBORO, N.C. 27409
SUPPLIERS PHONE: (336) 294-1601 EMERGENCY PHONE 1-800-627-5634

SECTION II HAZARDOUS INGREDIENTS

C.A.S. No	CHEMICAL NAME	313	%	RQ#	TLV-TWA
7681-52-9	SODIUM HYPOCHLORITE	NO	<15	NONE	N/E
1310-73-2	SODIUM HYDROXIDE	NO	<5	1000	CEILING 2mg/m3

NO COMPONENT IS LISTED IN "THRESHOLD, LIMIT VALUES AND BIOLOGICAL, EXPOSURE INDICES FOR 1998" FROM ACGIII EXCEPT AS NOTED ABOVE. COMPONENTS LISTED IN TITLE III SEC.33 (EPCRA), ARE INDICATED BY A "YES" ABOVE.

SECTION III PHYSICAL DATA

BOILING POINT: (F): 0
VAPOR PRESSURE: 20 DEG C;
VAPOR DENSITY: (AIR=1) 2.1
APPEARANCE: STRAW COLOR
SOLUBILITY IN WATER: COMPLETE
SPECIFIC GRAVITY: >1
PERCENT VOLATILE: N/A
EVAPORATION RATE: N/A
pH: = 10 to 12

SECTION IV FIRE AND EXPLOSION HAZARD DATA

SOLUBILITY IN WATER: 100%
FLASH POINT: (F) NA FLAMMABLE LIMITS: N/A
FLAMMABILITY LIMITS: N/A
EXTINGUISHING MEDIA: DRY CHEMICAL, WATER FOG, CARBON DIOXIDE
SPECIAL FIRE FIGHTING PROCEDURES: NONE: NOT CONSIDERED COMBUSTIBLE, AND WILL NOT BURN OR SUSTAIN COMBUSTION.
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE: NOT CONSIDERED COMBUSTIBLE

SECTION V**HEALTH HAZARDS DATA**

POTENTIAL EFFECT OF OVEREXPOSURE

EYES: WIL CAUSE IRRITATION OR BURNS.

SKIN: WIL CAUSE IRRITATION OR BURNS.

INHALATION: EXCESSIVE INHALATION OF MIST FROM SOLUTION MY CAUSE IRRITATION

EMERGENCY & FIRST AID PROCEDURES

SKIN: THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER. IF IRRITATION OCCURS SEEK MEDICAL ASSISTANCE

EYES: FLUSH WITH LARGE AMOUNTS OF WATER, FOR 15 MIN. SEEK MEDICAL ATTENTION IF IRRITATIONS DEVELOPS.

INGESTION: GIVE LARGE AMOUNTS OF WATER/MILK. DO NOT INDUCE VOMITING.

INHALATION: IF AFFECTED, REMOVE TO FRESH AIR, SEEK MEDICAL ATTENTION IF THERE IS ANY DISCOMFORT.

SECTION VI**REACTIVITY DATA**

STABILTY: STABLE

UNSTABILITY: SLOWLY

CONDITIONS TO AVOID: CONTACT WITH NON-FERROUS METALS

IMCOMPATABILITY: NON-FERROUS METALS, AMMONIA SOLUTIONS

HAZARDOUS DECOMPOSITION PRODUCTS: CHLORINE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION III**SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION: NOT NORMALY REQUIRED IF MIST IS GENERATED, WEAR A (NIOSH/MSHA) APPROVED ORGANIC VAPOR/MIST RESPIRATOR.

VENTILATION REQUIRED: NORMAL VENTILATION IS USUALLY ADEQUATE. IF MIST ARE GENERATATED, LOCAL EXHAUST MAY BE USED TO VENTILATE AREA..

PROTECTIVE EQUIPMENT

EYES: SAFETY GLASSES OR CHEMICAL SPLASH GOGGLES.

SKIN: PROTECTIVE NITRILE OR RUBBER GLOVES TO MINIMIZE SKIN CONTACT.

OTHER PROTECTIVE EQUIPMENT , WEAR IMPERVIOUS APRON OR OTHER CLOTHING AS NEEDED.

SECTION VII**SPILL AND LEAK****STEP TO TAKE IF MATERIAL IS RELEASED OR SPILLED.**

PICK UP SMALL SPILLS WITH MOP, OR RAGS. LARGE SPILLS SHOULD BE DIKED AND ABSORBED WITH INERT MATERIALS. FLUSH RESIDUE TO SANITARY SEWER.

WASTE DISPOSAL METHOD

INCINERATE OR BURY IN A LICENSED FACILITY. DO NOT DISCHARED INTO SEWER SYSTEMS OR WATERWAYS WITHOUT PORPER AUTHORITY. DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REAULATIONS.

HAZZARDOUS WASTE CLASSIFACTIOSN: NONE

SECTION VIII**D.O.T. SHIPPING INFORMATION**

PROPER SHIPPING NAME: COMPOUND, CLEANING, LIQUID (N.O.S) N. R

HAZARD CLASS: N/A

ID NUMBER: NA 1410

LABEL REQUIREMENTS: N/A