

MATERIAL SAFETY DATA SHEET

MARK MFG. CORP.
295 EDWARDIA DR.
GREENSBORO, N.C. 27409

SECTION I PRODUCT IDENTIFICATION

PRODUCT NAME: **B-213 EXTRA STRENGTH LAUNDRY BREAK** APRIL 13, 2004
PRODUCT CODE: **CT00**
FORMULA : PROPRIETARY MIXTURE
DOT ID NUMBER: **NA1760, N**
DOT SHIPPING NAME: COMPOUNDS, CLEANING LIQUID (CONTAINS SODIUM HYDROXIDE), 0, NA1760, N
HAZARDOUS MATERIAL: **SODIUM HYDROXIDE**
SUPPLIERS NAME: Mark Mfg.
295 EDWARDIA DR.
GREENSBORO, N.C. 27409
SUPPLIERS PHONE: (336) 294-1601 EMERGENCY PHONE 1-800-627-5634
CHEMICAL FAMILY: ALKALYNE DETERGENT GENARIC NAME: **BUILDER/BREAK**
LABEL: **CORROSIVE** EMERGENCY PHONE NUMBER IN THE EVENT OF CHEMICAL EMERGENCIES,
INVOLVING A SPILL, LEAK, FIRE, OR OTHER ACCIDENT. **CHEMTREC 800- 424 - 9300**

SECTION II HAZARDOUS INGREDIENTS

INGREDIENTS	C.A.S. No	WT.BY%	OSHA PEL	TLV-TWA ACGHI	OTHER LIMIT	HAZZARDOUS
SODIUM HYDROXIDE	1310-73-2		2mg/m3	2mg/ m3	N/E	YES
POTASSIUM HYDROXIDE	1310-58-3		2 mg/m3	2 mg/ m3	N/E	YES
WATER	7732-18-5		NE	NE	NE	NO

SECTION III HEALTH HAZARDS

CORODROGENITY: NE NIP7: NE IARC MONOGRAPHE 7: NE OSHA REGULATED: YES

THRESHOLD LIMIT VALUE: **NOT ESTABLISHED**

POTENTIAL EFFECT OF OVEREXPOSURE

EYES: **SEVERE BURNS**
SKIN: **SEVERE BURNS**
INHALATION: **SEVERE BURNS**
INGESTION: **SEVERE BURNS**

FIRST AID

SKIN: **THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER. FOR 15 MINUTES. SEE PHYSICIAN IF BURNING PERSISTS**

EYES: **FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY, FOR 15min. SEEK MEDICAL ATTENTION.**

INGESTION: **GIVE TWO GLASSES WATER AND OR MILK TO DILUTE; DO NOT INDUCE VOMITING AND AVOID ALCOLHOL. CALL A PHSYCIAN AND OR POISON CONTROL CENTER, IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON**

INHALATION: REMOVE TO FRESH AIR.

SECTION III SPECIAL PROTECTION INFORMATION

WORK/HYGENIC PRACTICES: Practice good hygiene. Wash hands after handling. Shower at the end of work period.

RESPIRATORY PROTECTION: (SPECIFY TYPE) NA

VENTILATION REQUIRED: **NORMAL ROOM VENTILATION.**

PROTECTIVE EQUIPMENT

EYES: SAFETY GLASSES OR GOGGLES.

SKIN: **PROTECTIVE GLOVES"IMPERVIOUS RUBBER, ALKEIL PROOF" TO MINIMIZE SKIN CONTACT.**

OTHER PROTECTIVE EQUIPMENT: IMPERVIOUS RUBBER BOOTS & APRON. EYE WASH STATIONS, AND SAFETY SHOWERS

SECTION IV FIRE AND EXPLOSION HAZARD DATA (RUST / SOUR)

FLASH POINT: (METHOD USED: NONE)

LIMIT UPPER: NA

LIMIT LOWER: NA

EXTINGUISHING MEDIA: **DRY CHEMICAL, WATER FOG OR SPRAY, CARBON DIXIDE, ALCHOHALFOAM, IF PRODUCT IS INVOLVED.**

SPECIAL FIRE FIGHTING PROCEDURE: **AVOID EXPOSURE TO FUMES AND OR VAPORS. WEAR SELF COMBINED POSITIVE PRESSURIZED BREATHING APPARATUS, "MSHA/NIOSH "APPROVED OR EQUIVELENT TO MAINTIAN "TLV."**

UNUSUAL FIRE AND EXPLOSION HAZARDS: **USE WATER SPRAY TO COOL ADJACENT FIRE EXPOSED CONTAINERS. PRODUCT WILL NOT BURN, BUT MAY SPLATTER IF TEMPERATURE EXCEEDS BOILING POINT**

SECTION V PHYSICAL DATA

BOILING POINT: 210 DEG. F

IBS. /GAL DENSITY: 11.7

VAPOR PRESSURE: (mmHg): 17

Ph CONCENTRATES: 14

VAPOR DENSITY: (AIR=1): 0.62

Ph USE DILUTION: 13

SOLUBILITY IN WATER: COMPLETE

SPECIFIC GRAVITY (H2O=1): 1.40

PERCENT VOLATILE: NA

EVAPORATION RATE: (WATER=1): QT 1.0

APPEARANCE AND ODOR: CLEAR COLORLESS THIN LIQUID, MILD ODOR

SECTION VI REACTIVITY DATA

STABILTY: STABLE

INCOMPATIBILITY: **"MATERIALS TO AVOID" STRONG ACIDS**

HAZARDOUS DECOMPOSITION: IF BURNED, NORMAL COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, AND NITROUS OXIDE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION VII SPILL AND LEAK

STEP TO TAKE IF MATERIAL IS RELEASED OR SPILLED: MOP UP & FLUSH WITH PLENTY OF WATER TO SEWER. *FLOORS MAY BE SLIPPERY. USE CARE TO AVOID SLIP & FALLS. NEUTRALIZE WITH DILUTE ACID OR SODIUM BICERBONATE.*

WASTE DISPOSAL METHOD: **DISPOSE OF IN ACCORDANCE WITH APPLICABLE STATE, LOCAL AND FEDERAL REGULATIONS.**

SECTION VIII D.O.T. SHIPPING INFORMATION

PROPER SHIPPING NAME: COMPOUND, CLEANING, LIQUID

HAZARD CLASS: N/A ID NUMBER: NA 1760 LABEL REQUIREMENTS: N/A

NE = NOT ESTABLISHED NA = NOT APPLICABLE GT = GREATER THAN