

SECTION I	IDENTIFICATION	MATERIAL SAFETY DATA SHEET
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PRODUCT NAME: DETERGENT 3000
PRODUCT CODE: APRIL 7, 2004
FORMULA : PROPRIETARY FORMULA SUPPLIERS NAME: MARK MFG.
DOT ID NUMBER: UN1760 295 EDWARDIA DR.
DOT SHIPPING NAME: CORROSIVE LIQUID, BASIC, INORGANIS, N.O.S., 8, UN3266, PGII GREENSBORO, N.C. 27409
HAZARDOUS MATERIAL: SODIUM HYDROXIDE SUPPLIERS PHONE: (336) 294-1601
EMERGENCY PHONE 1-800-627-5634

SECTION II HAZARDOUS INGREDIENTS

INGREDIENTS	C.A.S. No	WT.BY%	OSHA PEL	TLV-TWA ACGHI	OTHER LIMIT	LISTED AS CARCINOGENIC
SODIUM HYDROXIDE	1310-73-2	50-70	2mg/m3C	2mg/m3C	N/E	NO
POTASSIUM HYDROXIDE	1310-58-3	15-20	2Cmg/m3	2Cmg/m3	N/E	NO

SECTION III HEALTH HAZARDS

THRESHOLD LIMIT VALUE: NOT ESTABLISHED
POTENTIAL EFFECT OF OVEREXPOSURE
EYES: CAN CAUSE SEVERE IRRITATION, REDNESS, OR BLURRED VISION.
SKIN: PROLONGED CONTACT MAY CAUSE IRRITATION DUE TO DEFATTING.
INHALATION: EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION.
INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, AND DIARRHEA.

FIRST AID

SKIN: THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE.
EYES: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. SEEK MEDICAL ATTENTION.
INGESTION: GIVE SEVEREL GLASSES WATER OR MILK FOLLOWED BY CITRUS JUICE. (**DO NOT**) INDUCE VOMITING.
INHALATION: IF AFFECTED, REMOVE TO FRESH AIR... **SEEK MEDICAL ATTENTION.**

SECTION IV SPECIAL PROTECTION INFORMATION
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RESPIRATORY PROTECTION: Not normally required if mist is generated. Wear a (NIOOSHA / MSHA) approved organic vapor/ mist respirator.
VENTILATION REQUIRED: Normal ventilation is usually adequate. If mist is generated, local exhaust may be used to ventilate area. .

PROTECTIVE EQUIPMENT

EYES: SAFETY GLASSES OR CHEMICAL SPLASH GOGGLES.
SKIN: PROTECTIVE NITRAL OR RUBBER GLOVES TO MINIMIZE SKIN CONTACT.
OTHER PROTECTIVE EQUIPMENT, WEAR IMPERVIOUS APRON OR OTHER CLOTHING AS NEEDED.

SECTION V FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: (TAG CLOSED) NA FLAMMABLE LIMITS (% VOLUME IN AIR)
UPPER: NA
LOWER: NA

EXTINGUISHING MEDIA: DRY CHEMICAL, WATER FOG, CARBON DIXIDE
SPECIAL FIRE FIGHTING PROCEDURES: SCBA EQUIPMENT SHOULD BE USED
UNUSUAL FIRE AND EXPLOSION HAZARDS: NA

SECTION VI PHYSICAL DATA

BOILING POINT: 234 DEG. F VAPOR PRESSURE: 11.2 MMHG @ 68 DEG. ° F
VAPOR DENSITY: LIGHTER THAN AIR SOLUBILITY IN WATER: COMPLETE
SPECIFIC GRAVITY (H20=1): 1.3-1.4 PERCENT VOLATILE: NA
EVAPORATION RATE: SLOWER THAN ETHER APPEARANCE AND ODOR: RED LIQUID, SLIGHT BUTYL ODOR

SECTION VII REACTIVITY DATA

STABILITY: STABLE INCOMPATIBILITY: STRONG OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION: N/A. HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION VIII SPILL AND LEAK

STEP TO TAKE IF MATERIAL IS RELEASED OR SPILLED.

ABSORB ON PAPER, FLOOR ABSORBANT OR OTHER ABSORBANT MATERIAL.
CLEAN AREA OF SPILL WITH SOAP AND WATER.

WASTE DISPOSAL METHOD:

DISPOSE OF IN DISPOSAL FACILITY IN ACCORDANCE WITH ALL STATE, LOCAL AND FEDERAL REGULATIONS.

SECTION IX D.O.T. SHIPPING INFORMATION

PROPER SHIPPING NAME: COMPOUND, CLEANING, LIQUID HAZARD CLASS: N/A ID NUMBER: UN1760 LABEL REQUIREMENTS: N/A