MATERIAL SAFETY DATA SHEET

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HEAVY DUTY POWDER SECTION 1: GENERAL INFORMATION

PRODUCT NAME	HEAVY DUTY POWDER	DATE PREPARED	JULY 23-98
CHEMICAL NAME &	CHEMICAL BLEND	SUPERSEDES	SEPT-10-97
SYNONYMS CHEMICAL FAMILY FORMULA	ALKALINE PROPRIETARY	24 HOUR EMERGENCY ASSISTANCE	CHEMTREC 1-800-424-9330

SECTION II: PHYSICAL DATA

pH (1% SOLUTION)	11.5-12.0	SOLUBILITY IN WATER	APPRECIABLE
BOILING RANGE	NA	EVAPORATION RATE	NA
% VOLATILE BY VOLUME	NA	(WATER = 1)	
SPECIFIC GRAVITY	NA		

APPEARANCE & ODOR YELLOW POWDER WITH A CHARACTERISTIC ODOR

SECTION III: HAZARDOUS INGREDIENTS

PRINCIPAL HAZARDOUS COMPOUNDS	%	THRESHOLD LIMIT VALUE (UNITS)
LINEAR PRIMARY ALCOHOL ETHOXYLATE	LESS THAN 10	SEVERE EYE IRRITANT
SODIUM HYDROXIDE	LESS THAN 5	2MG/CUBIC METER

SECTION IV: FIRE & EXPLOSION HAZARD DATA

FLASH POINT (TEST METHOD)	DOES NOT FLASH
FLAMMABILITY LIMITS	NA
EXTINGUISHING MEDIA	NA
SPECIAL FIRE FIGHTING PROCEDURES	NA
FIRE AND EXPLOSION HAZARDS	NONE

SECTION V: HEALTH HAZARD DATA

SECTION V. HEMETH INVENTED BITTI		
ACGIH THRESHOLD LIMIT VALUE	NOT ESTABLISHED FOR MIXTURE	
CARCINOGEN - NTP PROGRAM	NO	
CARCINOGEN - IARC PROGRAM	NO	
PRIMARY ROUTES OF ENTRY	MAY CAUSE SEVERE EYE IRRITATION UPON CIRECT CONTACT. PROLONGED SKIN CONTACT MAY CAUSE IRRITATION. INHALATION OF HIGH DUST CONCENTRATIONS IS IRRITATING TO NOSE AND THROAT. HARMFUL IF SWALLOWED	
CHRONIC HEALTH HAZARDS	NONE KNOWN	
EMERGENCY FIRST AID	EYES: FLUSH THOROUGHLY WITH WATER FOR 15 MINUTES AND CALL	

PHYSICIAN.
SKIN: FLUSH THOROUGHLY WITH WATER FOR 15 MINUTES.
INHALATION: REMOVE TO FRESH AIR. TREAT SYMPTOMATICALLY
INGESTION: GIVE LARGE QUANTITIES OF WATER, IF AVAILABLE 1PART
VINEGAR TO 1 PART WATER OR FRUIT JUICE. DO NOT INDUCE VOMITING!!

GET MEDICAL ATTENTION.

MATERIAL SAFETY DATA SHEET HEAVY DUTY POWDER

SECTION V: HEALTH HAZARD DATA (Cont'd)

SECTION 313 SUPPLIER NOTIFICATION

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III, SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND 40CFR372:

CAS# CHEMICAL NAME PERCENT BY WEIGHT

SECTION VI: REACTIVITY DATA

STABILITY STABLE CONDITIONS TO NONE

AVOID

MATERIALS TO AVOID STRONG ACIDS HAZARDOUS WILL NOT OCCUR

POLYMERIZATION

HAZARDOUS CARBON MONOXIDE FROM THERMAL DECOMPOSITION

DECOMPOSITION PRODUCTS

SECTION VII: ENVIRONMENTAL PROTECTION

SPILL RESPONSE SWEEP UP AND CONTAINERIZE MATERIAL. FLUSH RESIDUE AWAY

WITH LARGE QUANTITIES OF WATER.

WASTE DISPOSAL METHOD FOLLOW FEDERAL, STATE, AND LOCAL REGULATIONS REGARDING

HEALTH AND POLLUTION.

SECTION VIII: SPECIAL PROTECTION INFORMATION

EYE PROTECTION CHEMICAL SAFETY SKIN PROTECTION RUBBER PVC OR NEOPRENE

GOGGLES GLOVES

RESPIRATORY NONE REQUIRED VENTILATION GENERAL

PROTECTIONUNDER NORMAL USERECOMMENDEDOTHER PROTECTIONAS NEEDED TO PREVENT SKIN CONTACT

SECTION IX: SPECIAL PRECAUTIONS

HANDLING & STORAGE CAUTION!!! CONTAINS SODIUM HYDROXIDE.

PRECAUTIONS DO NOT GET IN EYES, ON SKIN OR CLOTHING. DO NOT TAKE INTERNALLY. WHEN

HANDLING WEAR GLOVES AND EYE PROTECTION. IN CASE OF CONTACT, FLUSH SKIN AND/OR EYES WITH WATER FOR 15 MINUTES AND CONSULT A PHYSICIAN IF

IRRITATION PERSISTS. IF INGESTED, DO NOT INDUCE VOMITING.

OTHER PRECAUTIONS STORE IN COOL DRY AREA. KEEP OUT OF REACH OF CHILDREN

The information provided in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the users responsibility to determine the suitability of this information for the information for the adoption of safety precautions as may be necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available. The information contained herein if furnished without warranty of any kind.