

HILLYARD, INC.

MATERIAL SAFETY DATA SHEET

MANUFACTURED FOR: HILLYARD, INC. P.O. BOX 909 ST. JOSEPH, MISSOURI 64502
800-365-1555

#5127

SECTION 1: GENERAL INFORMATION

PRODUCT NAME	BALANCED L	DATE PREPARED	7-13-2000
CHEMICAL NAME & SYNONYMS	CHEMICAL BLEND	SUPERSEDES	1-3-2000
CHEMICAL FAMILY	ALKALINE	24 HOUR	CHEMTREC
FORMULA	PROPRIETARY	EMERGENCY ASSISTANCE	1-800-424-9300

SECTION II: PHYSICAL DATA

pH (1% SOLUTION)	11.5	SOLUBILITY IN WATER	APPRECIABLE
BOILING RANGE	NA	EVAPORATION RATE (WATER = 1)	NA
% VOLATILE BY VOLUME	NA		
SPECIFIC GRAVITY	NA		
APPEARANCE & ODOR	WHITE POWDER WITH A BLENDED CITRUS FRAGRANCE		

SECTION III: HAZARDOUS INGREDIENTS

PRINCIPAL HAZARDOUS COMPOUNDS	%	THRESHOLD LIMIT VALUE (UNITS)
SODIUM CARBONATE	<40	NA
SODIUM METASILICATE	<25	2MG/CUBIC METER
NITRILOTRIACETIC ACID (NON-PHOSPHATE BUILDER)	<10	1MG/CUBIC METER
LINEAR ALCOHOL ETHOXYLATE	<5	NOT EST. (SEVERE EYE IRRITANT)
SODIUM DODECYL BENZENE SULFONATE	<5	IRRITANT
STILBENE FLOURESCENT BRIGHTENER	<1	NA

SECTION IV: FIRE & EXPLOSION HAZARD DATA

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

SECTION V: HEALTH HAZARD DATA

ACGIH THRESHOLD LIMIT VALUE	NOT ESTABLISHED FOR MIXTURE
CARCINOGEN - NTP PROGRAM	NO
CARCINOGEN - IARC PROGRAM	NO
PRIMARY ROUTES OF ENTRY	INGESTION CAN CAUSE NAUSEA, VOMITING, DIARRHEA. VERY IRRITATING TO EYES. SOLUTIONS ARE MODERATELY STRONG ALKALIS AND CAN CAUSE IRRITATION TO SKIN TISSUE. INHALATION OF DUST CAN CAUSE IRRITATION TO NOSE, THROAT, AND LUNGS.
CHRONIC HEALTH HAZARDS	NONE KNOWN
EMERGENCY FIRST AID	EYES: FLUSH WITH WATER FOR 15 MINUTES. CONSULT PHYSICIAN. SKIN: WASH WITH SOAP AND WATER INHALATION: REMOVE PATIENT TO FRESH AIR INGESTION: DILUTE BY DRINKING LARGE QUANTITIES OF WATER. CONSULT A PHYSICIAN.

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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
NONE		

SECTION VI: REACTIVITY DATA

STABILITY	STABLE	CONDITIONS TO AVOID	NONE
MATERIALS TO AVOID	STRONG ACIDS	HAZARDOUS POLYMERIZATION	WILL NOT OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS	CARBON MONOXIDE FROM THERMAL DECOMPOSITION		

SECTION VII: ENVIRONMENTAL PROTECTION

SPILL RESPONSE	SEGREGATE FROM STRONG ACIDS. SWEEP UP AND CONTAINERIZE MATERIAL. FLUSH WITH LARGE QUANTITIES OF WATER.
WASTE DISPOSAL METHOD	SMALL QUANTITIES MAY BE DILUTED WITH WATER AND FLUSHED TO SEWER. DISPOSE OF LARGE QUANTITIES IN APPROVED LANDFILL.

SECTION VIII: SPECIAL PROTECTION INFORMATION

EYE PROTECTION	CHEMICAL SAFETY GLASSES	SKIN PROTECTION	RUBBER GLOVES
RESPIRATORY PROTECTION	NONE REQUIRED	VENTILATION	GENERAL
OTHER PROTECTION	UNDER NORMAL USE	RECOMMENDED	AS NEEDED TO PREVENT SKIN CONTACT

SECTION IX: SPECIAL PRECAUTIONS

HANDLING & STORAGE PRECAUTIONS	CAUTION!!! CONTAINS LINEAR ALCOHOL ETHOXYLATE (SEVERE EYE IRRITANT)! AVOID EXCESSIVE CONTACT WITH EYES AND SKIN. AVOID BREATHING DUST. IN CASE OF CONTACT WITH EYES, FLUSH WITH WATER FOR 15 MINUTES AND CONSULT A PHYSICIAN. WASH SKIN THOROUGHLY WITH WATER. KEEP OUT OF REACH OF CHILDREN.
OTHER PRECAUTIONS	STORE IN A DRY PLACE.

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.