

SUPPLIED BY:



MATERIAL SAFETY DATA SHEET

4801 W. Vernal Pike
Bloomington, IN 47404
1-800-734-4133

EMERGENCY PHONE:
1-800-535-5053

THIS DOCUMENT IS PREPARED PURSUANT TO THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: OXYZYME
PRODUCT NUMBER: L102
PRODUCT USE: LAUNDRY PRE-SOAK WITH COLOR SAFE BLEACH
DOT SHIPPING NAME: NONE REQUIRED

SECTION 2: HAZARDOUS INGREDIENT INFORMATION

HAZARD CHEMICAL IDENTITY

	CAS No.	ACGIH TLV
SODIUM CARBONATE	497-19-8	2MG/M3
PROTEINASE	9073-77-2	2.6MG/M3
SODIUM PERCARBONATE	15630-89-4	N.A.
NONYLPHENOXYPOLYETHOXYETHANOL	9016-45-9	N.A.
SODIUM DODECYLBENZENE	25155-30-0	N.A.

THIS PRODUCT DOES NOT CONTAIN TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY AND COMMUNITY RIGHT-TO-KNOW ACT OF 1988.

SECTION 3: PHYSICAL DATA

COLOR: WHITE **ODOR:** MILD **PHYSICAL STATE:** POWDER
SOLUBILITY IN WATER: COMPLETE
BOILING POINT: N.A.
% VOLATILE, BY VOLUME: NONE
VAPOR PRESSURE: N.A.
VAPOR DENSITY IN AIR (AIR=1): N.A.
EVAPORATION RATE: N.A.
SPECIFIC GRAVITY: N.A.

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): NONE
CONDITIONS TO AVOID: N.A.
EXTINGUISHING MEDIA: N.A.
UNUSUAL FIRE AND EXPLOSION HAZARDS: FIREFIGHTERS SHOULD WEAR SELF-CONTAINED POSITIVE PRESSURE BREATHING APPARATUS, AND AVOID SKIN CONTACT.

SECTION 5: REACTIVITY DATA

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN
HAZARDOUS DECOMPOSITION OF BY-PRODUCTS: NONE KNOWN
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION 6: TOXICOLOGICAL PROPERTIES

EXPOSURE LIMITS:
SODIUM CARBONATE ACGIH.....2MG/M3 CEILING
OSHA.....NONE

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NO KNOWN MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE.

ACUTE TOXICITY:

SKIN: THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT.
EYES: MAY CAUSE IRRITATION.
INGESTION: INGESTION CAN CAUSE IRRITATION TO THE MOUTH, THROAT, ESOPHAGUS AND STOMACH.
INHALATION: INHALATION MAY CAUSE IRRITATION OF THE THROAT AND NOSE.

CHRONIC TOXICITY: CHRONIC SKIN CONTACT MAY CAUSE SENSITIZATION. THIS PRODUCT DOES NOT CONTAIN ANY MATERIALS LISTED ON IARC, OSHA, OR NPT CARCINOGEN LISTS.

SECTION 7: PREVENTATIVE & CONTROL MEASURES

RESPIRATORY PROTECTION: GENERALLY NOT REQUIRED.
VENTILATION: NOT GENERALLY REQUIRED.
SKIN PROTECTION: WEAR NEOPRENE, PVC OR RUBBER GLOVES.
EYE PROTECTION: WEAR SAFETY GLASSES OR SPLASHPROOF CHEMICAL GOGGLES.
HYGIENE: AVOID CONTACT WITH SKIN. DO NOT EAT, DRINK, OR SMOKE IN AREA. WASH HANDS PRIOR TO EATING, DRINKING, OR USING RESTROOM. ANY PROTECTIVE CLOTHING WHICH BECOMES CONTAMINATED SHOULD BE THOROUGHLY CLEANED BEFORE REUSE.
OTHER CONTROL MEASURES: SAFETY SHOWER AND EYE WASH SHOULD BE LOCATED IN WORK AREA.
STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: PRODUCT SHOULD BE CONTAINED AND RECOVERED INTO CONTAINERS. PRODUCT THAT CANNOT BE RECOVERED SHOULD BE NEUTRALIZED WITH A MILD ACID. CLEAN-UP PERSONNEL SHOULD FOLLOW ALL SAFETY PRECAUTIONS DURING CLEAN-UP.
WASTE DISPOSAL: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 8: EMERGENCY FIRST AID PROCEDURES

FIRST AID NOTES TO PHYSICIAN:

EYES: WASH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER (PREFERABLY EYE WASH FOUNTAIN), LIFTING THE UPPER AND LOWER EYELIDS AND ROTATING EYEBALL. CONTINUE WASHING FOR A MINIMUM OF 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.
SKIN: WASH OFF WITH SOAP AND WATER.
INGESTION: IF THE PERSON IS CONSCIOUS, GIVE LARGE QUANTITIES OF WATER TO DILUTE PRODUCT. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.
INHALATION: MOVE PERSON TO FRESH AIR. IF BREATHING STOPS, ADMINISTER ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION IMMEDIATELY.

SECTION 9: PRECAUTIONARY INFORMATION

MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT. INGESTION MAY CAUSE IRRITATION OF THE MOUTH, THROAT, ESOPHAGUS AND STOMACH.

SECTION 10: STORAGE AND HANDLING PRECAUTIONS

STORE IN CLOSED, PROPERLY LABELED CONTAINERS. **DO NOT** REMOVE OR DEFACE LABELS. USE OF THIS PRODUCT SHOULD BE LIMITED TO PROPERLY TRAINED INDIVIDUALS.

SECTION 11: PREPARATION INFORMATION

PREPARED BY: REGULATORY AFFAIRS DEPARTMENT
PHONE: 812-336-4817
DATE OF PREPARATION: JULY, 2004

THE ABOVE INFORMATION IS BELIEVED TO BE ACCURATE WITH RESPECT TO THE FORMULA USED TO MANUFACTURE THIS PRODUCT. AS DATA, STANDARDS AND REGULATIONS CHANGE AND CONDITIONS OF USE AND HANDLING ARE BEYOND OUR CONTROL. **NO WARRANTY** EXPRESSED OR IMPLIED IS MADE AS TO THE COMPLETENESS OF CONTINUING OF THIS INFORMATION.

OXY ZYME

TECHNICAL DATA SHEET



LAUNDRY
PRE-SOAK
AND
DETERGENT

ENZYME
ACTIVATED

COLOR
SAFE
OXYGEN
BLEACH

PRODUCT DESCRIPTION

OXY ZYME IS A SPECIAL COMBINATION OF SURFACTANTS, ENZYMES AND COLOR SAFE BLEACH TO SOAK OUT HEAVY STAINS.

USE DIRECTIONS

GENERAL USE RECOMMENDATIONS ARE: Use 1/4-1/2 CUP PER 5 GALLONS OF VERY WARM WATER (NOT TO EXCEED 160 F).

-WHITES MAY SOAK OVERNIGHT

-COLORED FABRIC ALLOW TO SOAK 1-2 HOURS

AFTER SOAKING LAUNDER AS USUAL. ALWAYS TEST FABRIC FOR COLOR FASTNESS BEFORE USING.

AREAS OF USE

FOR USE IN INDUSTRIAL AND INSTITUTIONAL LAUNDRIES.

SAFETY PRECAUTIONS

MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION WITH PROLONGED OR REPEATED CONTACT. INHALATION MAY CAUSE IRRITATION OF THE THROAT AND NOSE. READ LABEL AND MSDS FOR COMPLETE LIST OF HAZARDS AND SAFETY PRECAUTIONS. KEEP OUT OF THE REACH OF CHILDREN.

SHIPPING CLASSIFICATION

NONE REQUIRED

PACKAGING

40 LB. CONTAINER

PROPERTIES

FORM: WHITE POWDER WITH MILD ODOR
SOLUBILITY: COMPLETE
PRIMARY HAZARD: MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION WITH PROLONGED OR REPEATED CONTACT.
COMPOSITION: SURFACTANTS, ENZYMES AND OXYGEN BLEACH.