

MATERIAL SAFETY DATA SHEET

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VALUE PRODUCTS INC **2128 Industrial Dr., Stockton, CA 95206**

PRODUCT CODE: 2304

REVISION :
DATE ISSUED: 12/21/07
SUPERSEDES:

SECTION I **PRODUCT IDENTIFICATION**

PRODUCT NAME : **LIQUID LAUNDRY ENZYME DETERGENT**

CHEMICAL NAME : SURFACTANT ENZYME BLEND
FORMULA : PROPRIETARY
DOT HAZARD CLASS : NONE

<u>HAZARD RATING (NFPA 704)</u>	<u>HAZARD RATING</u>	<u>PROTECTIVE EQUIPMENT</u>
HEALTH: 1	0=MINIMAL	A=GOGGLES
FIRE: 0	1=SLIGHT	B=GOGGLES, GLOVES
REACTIVITY: 0	2=MODERATE	C=GOGGLES, GLOVES, APRON
PROTECTIVE EQUIPMENT: B	3=SERIOUS	D=GOGGLES, GLOVES, APRON, FACE SHIELD
	4=SEVERE	E=GOGGLES, GLOVES, RESPIRATOR

CHEMTREC'S 24 HOUR EMERGENCY TELEPHONE NUMBER 800-424-9300

SECTION II **HAZARDOUS INGREDIENTS**

SUBSTANCES LISTED IN THIS SECTION ARE THOSE IDENTIFIED AS BEING PRESENT AT A CONCENTRATION OF 1% OR GREATER, OR 0.1% IF THE SUBSTANCE IS ON THE LIST OF POTENTIAL CARCINOGENS CITED IN OSHA HAZARD COMMUNICATION STANDARD.

MATERIAL	CAS#	TLV	PEL
(NOT APPLICABLE)			

SECTION III **PHYSICAL DATA**

BOILING POINT : 210 °F	VOLATILE : >64%
VAPOR PRESSURE: (AIR=1)<1.0	SOLUBILITY IN WATER: COMPLETE
VAPOR DENSITY: (AIR=1): WATER BASED	SPECIFIC GRAVITY: 1.030
EVAPORATION RATE (WATER=1):1	VISCOSITY: WATER THIN
PH OF CONCENTRATE SOLUTION: 8.10	
DESCRIPTION: CLEAR AMBER SOLUTION, LEMON ODOR.	

SECTION IV **FIRE AND EXPLOSION HAZARDS**

FLASH POINTS: NON-FLAMMABLE
FLAMMABLE LIMITS LEL/UEL: NA
METHOD USED: S.C.C.
EXTINGUISHING MEDIA: WATER SPRAY, FOAM, CARBON DIOXIDE.
UNUSUAL FIRE OR EXPLOSIVE HAZARD: NONE KNOWN.

SECTION V **HEALTH HAZARD DATA**

SIGNS AND SYMPTOMS OF EXPOSURE (SKIN, EYE CONTACT; INHALATION; INGESTION)

EYE CONTACT : MAY CAUSE IRRITATION, REDNESS, TEARING.
INHALATION : NOT APPLICABLE.
INGESTION : CAN CAUSE NAUSEA, VOMITING AND GASTROINTESTINAL UPSET.
SKIN CONTACT : IRRITATION UPON PROLONGED CONTACT.

FIRST AID MEASURES

EYE CONTACT : IMMEDIATELY FLUSH EYES WITH LOTS OF RUNNING WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.
 INHALATION : REMOVE TO FRESH AREA.
 INGESTION : DRINK LARGE QUANTITIES OF WATER AND SEEK MEDICAL ATTENTION.
 SKIN CONTACT : WASH SKIN WITH SOAPS AND LOTS OF WATER. IF IRRITATION OCCURS AND PERSISTS SEEK MEDICAL ATTENTION AS NEEDED.

SECTION VI REACTIVITY DATA

STABILITY: STABLE
 INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN.
 HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
 CONDITIONS TO AVOID: NONE CURRENTLY KNOWN.
 HAZARDOUS DECOMPOSITION: NONE KNOWN.

SECTION VII SPILL OR LEAK PROCEDURES

CLEAN-UP PROCEDURES: CONTAIN SPILLS WITH INERT MATERIAL THEN TRANSFER TO SEALABLE CONTAINERS FOR DISPOSAL. FLUSH CONTAMINATED AREAS WITH WATER.

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

SECTION VIII SPECIAL PROTECTION DATA

RESPIRATORY PROTECTION : NONE.
 EYE PROTECTION : SAFETY GOGGLES.
 PROTECTIVE CLOTHING : FULL-LENGTH CLOTHING.
 VENTILATION : GENERAL ROOM VENTILATION

SECTION IX SPECIAL PRECAUTION

HYGIENIC PRACTICES IN HANDLING STORING: WASH THOROUGHLY AFTER HANDLING.

PRECAUTION TO BE TAKEN IN HANDLING AND STORING: STORE IN COOL, DRY, VENTILATED AREAS. DO NOT FREEZE.

DISPOSAL OF EMPTY CONTAINER: EMPTY CONTAINERS SHOULD BE TRIPLE RINSED WITH WATER AND DISPOSED OF PURSUANT TO LOCAL, STATE, AND FEDERAL REQUIREMENTS.

SECTION X USER'S RESPONSIBILITY

THE RESPONSIBILITY TO PROVIDE A SAFE WORKPLACE REMAINS WITH THE USER. THE USER SHOULD CONSIDER THE HEALTH HAZARD AND SAFETY INFORMATION CONTAINED HEREIN AS A GUIDE AND SHOULD TAKE THOSE PRECAUTIONS REQUIRED IN AN INDIVIDUAL OPERATION TO INSTRUCT EMPLOYEES AND DEVELOP WORK PRACTICE PROCEDURES FOR A SAFE WORK ENVIRONMENT.

THE INFORMATION CONTAINED HEREIN, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, IS ACCURATE. HOWEVER, SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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