

IDENTITY  
 LS-1472 (12X32 OZ)

SECTION I STETCO DRAIN ZYME (Qts)

PRODUCT CODE: 4261

MANUFACTURER NAME  
 AQUA TERRA BIOCHEMICAL CORP. OF AMERICA

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DATE PREPARED 09/01/89 SUPERSEDES 11/11/87

NAME OF PREPARER  
 RICHARD STOLLEY/T.S.CHEM.

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION  
 THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS.

HAZARDOUS COMPONENTS :  
 ISOPROPYL ALCOHOL  
 OSHA PEL -->400PPM ACGIH TLV-->400PPM STEL (TWA)-->500PPM  
 CAS #-->67-63-0 HAZARD TYPE>SKIN IRRIT.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT (FARENHEIT)	210	SPECIFIC GRAVITY (H2O = 1)	1.00
VAPOR PRESSURE (MM HG.)	20	MELTING POINT	N/A

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(CONTINUED) - PHYSICAL/CHEMICAL CHARACTERISTICS

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VAPOR DENSITY (AIR=1)	0.6	COLOR	BROWN TO AMBER
EVAPORATION RATE (BUTYL ACETATE=1)	0.10	ODOR	PLEASANT
PH @ 100%	7	VISCOSITY	NON-VISCOUS

SOLUBILITY IN WATER  
 COMPLETE

APPEARANCE  
 TURBID

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED) NON-FLAM	FLAMMABLE LIMITS	LEL N/A	UEL N/A
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EXTINGUISHING MEDIA  
 FOAM ALCOHOL FOAM CO2 DRY CHEMICAL WATER SPRAY

SPECIAL FIRE FIGHTING PROCEDURES  
 WEAR NIOSH/MSHA APPROVED RESPIRATOR WHEN FIGHTING FIRES IN CONFINED AREAS TO PREVENT EXPOSURE TO ACRID SMOKE AND HAZARDOUS DECOMPOSITION PRODUCTS.

UNUSUAL FIRE AND EXPLOSION HAZARDS  
 NONE KNOWN

UNUSUAL FIRE AND EXPLOSION HAZARDS  
 O <--HEALTH O <--FLAMMABILITY O <--REACTIVITY N/A<--SPECIAL

SECTION V - REACTIVITY DATA

STABILITY	UNSTABLE	STABLE	X
CONDITIONS TO AVOID AVOID USE OR STORAGE <32 F OR >120 F.			

INCOMPATIBILITY (MATERIALS TO AVOID)  
 STRONG OXIDIZERS, BLEACH, DISINFECTANTS, OTHER HARSH DRAIN CHEMICALS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS  
 OXIDES OF CARBON, ACRID SMOKE

HAZARDOUS POLYMERIZATION	MAY OCCUR	WILL NOT OCCUR	X
CONDITIONS TO AVOID N/A			

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION SKIN X INGESTION

HEALTH HAZARDS (ACUTE AND CHRONIC)

DIRECT CONTACT WITH THE EYES MAY CAUSE ACUTE IRRITATION. MAY CAUSE ALLERGENIC SKIN OR RESPIRATORY REACTION. MAY IRRITATE SENSITIVE SKIN AFTER PROLONGED AND REPEATED CONTACT.

DIRECT CONTACT WITH EYES FOR PROLONGED PERIOD OF TIME CAN CAUSE MILD IRRITATION. PROLONGED SKIN CONTACT MAY CAUSE REDDENING OF SKIN WITH IRRITATION LEADING POTENTIALLY TO DERMATITIS. TARGET ORGANS: EYES AND SKIN.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA? NO OTHER? NO

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: TYPICALLY NOT A HAZARD, BUT GET TO FRESH AIR AND TREAT SYMPTOMATICALLY.

EYE CONTACT: OBJECT IS TO SEEK MEDICAL ATTENTION IMMEDIATELY. IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES HOLDING EYELIDS APART TO ENSURE FLUSING OF THE ENTIRE EYE SURFACE. SEEK MEDICAL ATTENTION IF ANY IRRITATION PERSISTS.

SKIN CONTACT: WASH WITH PLENTY OF WATER. SEEK MEDICAL ATTENTION IF ANY IRRITATION PERSISTS.

INGESTION: IF LARGE QUANTITIES HAVE BEEN INGESTED, GIVE TWO GLASSES OF WATER AND INDUCE VOMITING. SEEK MEDICAL ATTENTION.

NOTES TO PHYSICIAN: N/A

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: FLUSH DOWN DRAIN.

WASTE DISPOSAL METHOD: FLUSH DOWN DRAIN WITH LARGE VOLUME OF WATER.

STORAGE TEMPERATURE: 120 F. <--MAX 32 F. <--MIN INDOOR X HEATED REFRIGERATED X OUTDOOR

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE AT MODERATE TEMPERATURES.

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(CONTINUED) - PRECAUTIONS FOR SAFE HANDLING AND USE

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. READ ENTIRE LABEL BEFORE USING.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): AVOID BREATHING SPRAY MIST IF PRODUCT IS MISTED, A NIOSH/MSHA APPROVED MASK FOR SPRAY MISTS IS RECCOMENDED.

VENTILATION REQUIRED: NOT GENERALLY REQUIRED. GENERAL EXHAUST IS ADEQUATE.

PROTECTIVE GLOVES: GLOVES MAY BE WORN TO MINIMIZE SKIN CONTACT.

EYE PROTECTION: GOGGLES MAY BE WORN TO MINIMIZE EYE CONTACT.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A

WORK/HYGIENIC PRACTICES: N/A

SECTION IX - TOXICITY INFORMATION

ISOPROPYL ALCOHOL: EYE-HMN: 20 PPM ORL-HMN TDLO = 152710 MG/KG:CNS 2. ORL-MAN TDLO = 8600 MG/KG 2. IHL-HMN TDLO = 400 PPM 2.

SECTION X - REGULATORY INFORMATION

CHEMICAL NAME C.A.S. NUMBER UPPER % LIMIT

N/A

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WARNING: THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE (1) CANCER OR (2) BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM: CALIFORNIA PROPOSITION 65

NONE

\*SHORT TERM EXPOSURE LIMIT (TWA) LISTED AS FINAL RULE LIMITS PUBLISHED IN THE FEDERAL REGISTER/VOL.54 NO.12, 1-19-89

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