

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ZYMOGEN UC
CHEMICAL FAMILY: ENZYMES & BACTERIA
PHYSICAL HAZARD: NONE
HEALTH HAZARD: TARGET ORGANS: EYES, SKIN, RESPIRATORY TRACT
HAZARD RATINGS: HEALTH: 1
FLAMMABILITY: 0
REACTIVITY: 0

NUMBER: DMN-218
REVISED: 3/22/01

DAMON INDUSTRIES INC.
BOX 2120, ALLIANCE, OH 44601

24 HOUR EMERGENCY ONLY PHONE: 1-800-535-5053

0 = Insignificant
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

INFORMATION PHONES: 1-800-362-9850
OR 330-821-5310
FAX: 330-821-6355

D.O.T. HAZARD CLASS: NOT CONSIDERED HAZARDOUS UNDER CFR 49

SECTION 2 - HAZARDOUS INGREDIENTS

CONTAINS NO HAZARDOUS INGREDIENTS AS DEFINED IN CFR 29 1910.1200.
NONE OF THE INGREDIENTS ARE LISTED AS CARCINOGENS BY N.T.P., I.A.R.C. OR OSHA.

SECTION 3 - PHYSICAL DATA

BOILING POINT: 212° F.
SPECIFIC GRAVITY: 0.6
VAPOR PRESSURE: NOT APPLICABLE
PERCENT VOLATILES: 0%
VAPOR DENSITY: NOT APPLICABLE
EVAPORATION RATE: NOT APPLICABLE
SOLUBILITY IN WATER: DISPERSABLE
pH: 7.5 ± 1.0 @ 1% IN WATER
APPEARANCE AND ODOR: TAN POWDER WITH SLIGHT ODOR

FIRST AID PROCEDURES:

EYES CONTACT: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING THE UPPER AND LOWER LIDS. GET MEDICAL ATTENTION IMMEDIATELY.
SKIN CONTACT: WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.
INGESTION: DO NOT INDUCE VOMITING. GIVE A GLASS OF WATER OR MILK TO DRINK. GET MEDICAL ATTENTION IMMEDIATELY.
INHALATION: IF AFFECTED, MOVE PERSON TO FRESH AIR. IF IRRITATION PERSISTS GET MEDICAL ATTENTION.

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: NONE ASTM D-56 CLOSED CUP
LOWER EXPLOSIVE LIMIT: NOT APPLICABLE
UPPER EXPLOSIVE LIMIT: NOT APPLICABLE
EXTINGUISHING MEDIA: WATER
SPECIAL FIRE FIGHTING PROCEDURES: NONE
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

SECTION 7 - SPECIAL PRECAUTIONS

SPILL/LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

DO NOT ALLOW PRODUCT TO CONTACT FOOD. STORE AT TEMPERATURES BETWEEN 40° AND 100° F. LARGE EMPTY CONTAINERS RETAIN PRODUCT RESIDUE WHICH MAY BE HAZARDOUS.

SECTION 5 - REACTIVITY DATA

STABILITY: STABLE
INCOMPATIBILITY: OXIDIZERS OR OXYGEN
HAZARDOUS DECOMPOSITION PRODUCTS: NONE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

WASH TO SEWER WITH WATER. THIS PRODUCT IS NON-HAZARDOUS AND BIODEGRADABLE.

SECTION 6 - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE (TLV): NONE KNOWN

PRIMARY ROUTES OF ENTRY:
THROUGH SKIN INHALATION INGESTION

EFFECTS OF OVEREXPOSURE:
EYES - MAY CAUSE IRRITATION, REDNESS, TEARING.
SKIN - MAY CAUSE IRRITATION.
SWALLOWING - MAY CAUSE NAUSEA AND DIARRHEA. MINIMAL TOXICITY.
BREATHING - NONE EXPECTED UNDER NORMAL USE CONDITIONS.

SECTION 8 - PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: NONE REQUIRED WHEN USED ACCORDING TO LABEL DIRECTIONS.
VENTILATION: NONE
PROTECTIVE GLOVES: NONE UNLESS SKIN IS SENSITIVE.
EYE PROTECTION: NONE WHEN USED ACCORDING TO LABEL DIRECTIONS.
OTHER PROTECTIVE EQUIPMENT: NONE.

OTHER REGULATORY INFORMATION

Replaces sheet dated 9/15/95.
THE COMPONENTS OF THIS PRODUCT ARE ON THE TSCA INVENTORY OF CHEMICAL SUBSTANCES.
THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.