

MATERIAL SAFETY DATA SHEET

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **DIGEST ENZYME POWDER** ID NUMBER: 8120 PRODUCT USE/CLASS: SEWAGE TREATMENT
MANUFACTURER: CHEMICAL UNIVERSE, INC. 1133 SALINE ST. , N. KANSAS CITY, MO 64116 EMERGENCY TELEPHONE: 800-424-9300
PREPARED BY: D. ACKART PHONE: 816-471-3602 PREPARE DATE: 12/01/08

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WT.PERCENT IS LESS THAN	TLV-TWA	TLV-STEL	PEL-TWA	SKIN DESIGNATION
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No Hazardous Materials are Contained in this Product

(See Section 11 for abbreviation legend)

SECTION III - PHYSICAL DATA

BOILING RANGE: N.A. VAPOR DENSITY: Is lighter than air ODOR: NONE SPECIFIC GRAVITY:
APPEARANCE: TAN GRANULATED POWDER EVAPORATION RATE: Is slower than Ether SOLUBILITY IN H2O : DISPERSES

(See Section XI for abbreviation legend)

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N.A. LOWER EXPLOSIVE LIMIT: N.A. UPPER EXPLOSIVE LIMIT: N.A.

EXTINGUISHING MEDIA: Unknown

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE KNOWN.

SPECIAL FIREFIGHTING PROCEDURES: FIREFIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE - EYE CONTACT: IRRITATION AND TEARING

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: IRRITATION.

EFFECTS OF OVEREXPOSURE - INHALATION: BREATHING DUST MAY IRRITATE THE NOSE AND THROAT AND CAUSE COUGHING AND CHEST DISCOMFORT.

EFFECTS OF OVEREXPOSURE - INGESTION: LARGE QUANTITIES UPSETTING TO GASTROINTESTINAL TRACT.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: RESPIRATORY SENSITIVITY. DERMATITIS, ALLERGIC RESPONSES.

FIRST AID - EYE CONTACT: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES, LIFTING THE UPPER AND LOWER EYELIDS OCCASIONALLY. GET MEDICAL ATTENTION.

FIRST AID - SKIN CONTACT: FLUSH WITH WATER 15 MINUTES. REMOVE CONTAMINATED CLOTHING. LAUNDRY BEFORE REUSE. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

FIRST AID - INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION, GET MEDICAL ATTENTION.

FIRST AID - INGESTION: DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER OR MILK. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION. GET MEDICAL ATTENTION.

PRIMARY ROUTE(S) OF ENTRY: INHALATION INGESTION

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SECTION VI - REACTIVITY DATA

HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN. NORMAL DECOMPOSITION TO CARBON DIOXIDE (CO₂), CARBON MONOXIDE (CO). CO MAY BE HAZARDOUS IN ENCLOSED HIGH CONCENTRATIONS.

CONDITIONS TO AVOID: ACIDS.

INCOMPATIBILITY: No Information.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: WEAR APPROPRIATE PROTECTIVE AND RESPIRATORY EQUIPMENT. PREVENT SPILLS FROM ENTERING SEWERS, OR ANY UNAUTHORIZED WATER SYSTEMS. SWEEP UP AND DISPOSE OF IN DOT-APPROVED WASTE CONTAINERS.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH APPROPRIATE FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: NIOSH/OSHA APPROVED RESPIRATOR TYPES SUITABLE FOR MATERIALS IN SECTION II RECOMMENDED. APPROVED CHEMICAL/MECHANICAL FILTERS RECOMMENDED WHEN VENTILATION IS RESTRICTED.

VENTILATION: SUFFICIENT VENTILATION, IN VOLUME AND PATTERN, SHOULD BE PROVIDED TO KEEP AIR CONTAMINATION BELOW CURRENT APPLICABLE OSHA PERMISSIBLE EXPOSURE LIMIT OR ACGHI'S TLV LIMIT. LIQUID- N/A, POWDER-LOCAL MECHANICAL EXHAUST VENTILATION CAPABLE OF MINIMIZING DUST EMISSIONS AT THE POINT OF USE.

SKIN PROTECTION: HEAVY RUBBER GLOVES NEEDED.

EYE PROTECTION: SAFETY GLASSES OR GOGGLES.

OTHER PROTECTIVE EQUIPMENT: PREVENT PROLONGED CONTACT. WEAR BOOTS AND IMPERVIOUS CLOTHING IF NECESSARY. EYE WASH, SAFETY SHOWER AVAILABLE.

HYGENIC PRACTICES: WASH HANDS BEFORE EATING OR SMOKING. SMOKE IN DESIGNATED AREAS ONLY.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN A COOL DRY AREA.

OTHER PRECAUTIONS: ALWAYS OBEY ALL HAZARD WARNINGS AND HANDLE EMPTY CONTAINERS AS IF THEY WERE FULL

SECTION X - HMIS RATINGS

HMIS RATINGS	HEALTH: 1	FLAMMABILITY: 0	REACTIVITY: 0
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SECTION XI - OTHER REGULATIONS

SARA SECTION 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

----- CHEMICAL NAME -----	CAS NUMBER	WT/WT %
No SARA Section 313 components exist in this product.		

PREVIOUS MSDS REVISION DATE: 11/17/97

LEGEND: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information contained on this MSDS is been checked and should be 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 Federal, State, and Local laws and regulations.

<END OF MSDS>