

E M SCIENCE DIVSION OF E M INDUSTRIES -- DIASTASE OF MALT -- -

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===== Product Identification =====

Product ID: DIASTASE OF MALT

MSDS Date: 11/13/1996

FSC: NIIN: Submitter: D RV

MSDS Number: CJZQV

=== Responsible Party ===

Company Name: E M SCIENCE DIVSION OF E M INDUSTRIES

Address: 480 DEMOCRAT ROAD

Box: 70

City: GIBBSTOWN

State: NJ

ZIP: 08027

Country: US

Info Phone Num: 609-354-9200

Emergency Phone Num: 609-354-9200

CAGE: E0655

=== Contractor Identification ===

Company Name: E M SCIENCE DIV OF E M INDUSTRIES INC

Address: 480 DEMOCRAT ROAD

Box: 70

City: GIBBSTOWN

State: NJ

ZIP: 08027

Country: US

Phone: 800-222-0342/609-423-6300

CAGE: 63612

Company Name: E M SCIENCE DIVSION OF E M INDUSTRIES

Address: 480 DEMOCRAT ROAD

Box: 70

City: GIBBSTOWN

State: NJ

ZIP: 08027

Country: US

Phone: 609-354-9200

CAGE: E0655

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===== Composition/Information on Ingredients =====

Ingred Name: DIASTASE OF MALT

CAS: 9000-92-4

Fraction by Wt: 100%

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Explanation of Carcinogenicity:NONE
Effects of Overexposure:INHALATION: LOW HAZARD FOR USUAL LABORATORY
HANDLING. SKIN: LOW HAZARD FOR USUAL LABORATORY HANDLING. EYES: NO
SPECIFIC HAZARD KNOWN. CONTACT MAY CAUSE TRANSIENT IRRITATION.
INGESTION: EXPECTED TO BE A LOW INGESTION HAZARD.

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First Aid Measures
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First Aid:SKIN: WASH THOROUGHLY W/SOAP & WATER. EYES: FLUSH THOROUGHLY
W/WATER FOR AT LEAST 15 MINS.IF IRRITATION PERSIST, GET MEDICAL
ATTENTION. INHALATION: REMOVE TO FRESH AIR, GIVE ARTIFICIAL
RESPIRATION IF BREATHING STOPS.IF DISCOMFORT OR ILLNESS DEVELOPS
GET MEDICAL ATTENTION. INGESTION:TREAT SYMPTOMATICALLY AND
SUPPORTIVELY. GET MEDICAL ATTENTION IMMEDIATELY. IF VOMITING
OCCURS, KEEP HEAD LOWER THAN H IPS TO PREVENT ASPIRATION.NEVER GIVE
ANYTHING BY MOUTH IF UNCONSCIOUS. OBTAIN MEDICAL ATTENTION IN ALL
CASES.

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Fire Fighting Measures
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Flash Point:NONE
Extinguishing Media:CO2, DRY CHEMICAL; WATER SPRAY
Fire Fighting Procedures:WEAR A NIOSH/MSHA-APPROVED SELF-CONTAINED
BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard:IF DIASTASE OF MALT IS ALLOWED TO BECOME
AIR-BORNE AS DUST, EXPLOSIVE CONDITIONS MAY PREVAIL. AVOID
CONDITIONS WHICH PRODUCE DUST. CAN REACT WITH OXIDIZING MATERIALS.

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Accidental Release Measures
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Spill Release Procedures:VACUM OR SWEEP UP AND PLACE IN A SUITABLE
CONTAINER FOR DISPOSAL. AVOID CAUSING DUSTY CONDITIONS. WASH SPILL
AREA WITH SOAP AND WATER.

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Handling and Storage
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Handling and Storage Precautions:STORE IN COOL, DRY PLACE AWAY FROM

STRONG OXIDIZING MATERIALS. WASH THOROUGHLY AFTER HANDLING.KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE.

Other Precautions:READ LABEL ON CONTAINER BEFORE USING. DO NOT WEAR CONTACT LENSES WHEN WORKING WITH CHEMICALS. REMOVE AND WASH CONTAMINATED CLOTHING. FOR LABORATORY USE ONLY. NOT FOR DRUG, FOOD OR HOUSE HOLD. KEEP OUT OF REACH OF CHILDREN.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE SHOULD BE NEEDED IN NORMAL LABORATORY HANDLING

Ventilation:VENTILATION HOOD OR WEAR A NIOSH/MSHA-APPROVED DUST MASK.

Protective Gloves:NOT NEEDED

Eye Protection:CHEMICAL SAFETY GLASSES

Other Protective Equipment:GOGGLES, LAB COAT,EYE WASH STATION, VENTILATION HOOD

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. HANDLING CARE GENERALLY IN KEEPING W/SAFE LABORATORY PRACTICES IS RECOMMENDED.

Supplemental Safety and Health

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===== Physical/Chemical Properties =====

HCC:T6

Boiling Pt:B.P. Text:DECOMPOSES

Decomp Temp:Decomp Text:DECOMPOSES

Vapor Pres:NEGLIGIBLE AS SOLID

Solubility in Water:SOLUBLE IN WATERW/ TURBID

Appearance and Odor:YELLOWISH-WHITE OR TAN COLOR; CHARACTERISTIC ODOR. HYGROSCOPIC

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Stability Condition to Avoid:CAN DECOMPOSE TO TEMPERATURES ABOVE 85 C

Hazardous Decomposition Products:COMBUSTION WILL PRODUCE CARBON OXIDES AND PROBABLY CARBON MONOXIDE. OXIDES OF NITROGEN AND SULFUR MAY ALSO BE PRESENT.

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===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

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