

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-900/9000-92-4.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
9000-92-4  
**Code:**  
M

**RTECS:**  
BU7430000  
**Code:**  
M

**Name:**  
DIASTASE

**Other REC Limits:**  
N/K

**OSHA PEL:**  
N/K  
**Code:**  
M

**OSHA STEL:**  
  
**Code:**

**ACGIH TLV:**  
N/K  
**Code:**  
M N/P

**ACGIHSTEL:**  
EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem  
**Code:**  
1 ACGIH STEL:

## Control Measures

**Respiratory Protection:**  
USE AN APPROPRIATE NIOSH APPROVED RESPIRATOR WHEN APPLYING THIS PRODUCT BY SPRAY.

**Ventilation:**  
LOCAL EXHAUST/MECHANICAL IS ADEQUATE TO MAINTAIN VAPOR LEVEL BELOW TLV LEVELS.

**Protective Gloves:**  
REQUIRED

**Eye Protection:**  
GOGGLES, FACE SHIELD WHEN SPRAYING.

**Other Protective Equipment:**  
Equipment HEADCOVER

**Work Hygienic Practices:**  
N/K

**Supplemental Safety and Health:**  
N/K

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
NO

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
INHALATION: ALLERGIC TYPE REACTION IN SUSCEPTABLE INDIVIDUALS MAY CAUSE RESPIRATORY ALLERGIES. EYES: IRRITATION, REDNESS, BLURRINESS. SKIN: IRRITATION. INGESTION: NAUSEA, IRRITATION, VOMITING, DIARRHE A. 2

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
INHALATION: ALLERGIC TYPE REACTION IN SUSCEPTIBLE INDIVIDUALS MAY CAUSE RESPIRATORY ALLERGIES. EYES: IRRITATION, REDNESS, BLURRINESS. SKIN: IRRITATION. INGESTION: NAUSEA, IRRITATION, VOMITING, DIARRHE A.

**Medical Cond Aggravated By Exposure:**  
ALLERGIES

**First Aid:**  
INHALATION: MOVE IMMEDIATELY TO FRESH AIR. EYES: FLUSH IMMEDIATELY W/WATER FOR 15 MINS. SKIN: WASH IMMEDIATELY W/SOAP & WATER, RINSE THOROUGHLY. INGESTION: DON'T INDUCE VOMITING. DRINK 1-2 GLASSES OF WATER. TREAT SYMPTOMATICALLY. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
S LEAKAGE. ABSORB SMALL W/AN APPROPRIATE ABSORBENT MATERIAL. LARGE: DIKE TO CONTAIN RUNOFF FOR LATER DISPOSAL & CLEAN UP.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
CAN BE DISPOSED INTO SANITARY SEWERS. DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
KEEP FROM FREEZING. STORE IN A COOL PLACE. ROTATE STOCK TO PREVENT OBSOLESCENCE. DON'T STORE AT HIGH TEMPERATURES.

**Other Precautions:**  
KEEP CONTAINER CLOSED WHEN NOT IN USE. S USE IF ALLERGIC REACTION APPEARS. KEEP AWAY FROM CHILDREN.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
>200F

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
1.1

**Upper Limits:**  
12.5

**Extinguishing Media:**  
FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG

**Fire Fighting Procedures:**  
NONE

**Unusual Fire/Explosion Hazard:**  
NONE 3

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
212F

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
32F

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/K

**Vapor Density:**  
<1

**Volatile Org Content %:**

**Spec Gravity:**  
0.8

**VOC Pounds/Gallon:**

**PH:** 8-9

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
SLOWER THAN N-BU AC

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
CLEAR LIQUID W/MILD ODOR.

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
FREEZING

**Materials To Avoid:**  
N/K

**Hazardous Decomposition Products:**  
N/K 4

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/K

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:**N/P