

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-900/9000-85-5.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
9000-85-5  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
BACTERIAL AMYLASE

**Other REC Limits:**  
N/K

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

**OSHA STEL:**

**Code:**

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

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
NOT REQUIRED WHEN USED ACCORDING TO LABEL DIRECTIONS.

**Ventilation:**  
REQUIRED IF EXPOSURE EXCEEDS THAT CONTEMPLATED BY THE LABEL DIRECTIONS.

**Protective Gloves:**  
NOT REQUIRED WHEN USED ACCORDINGLY

**Eye Protection:**  
NOT REQUIRED WHEN USED ACCORDINGLY

**Other Protective Equipment:**  
Equipment N/K

**Work Hygienic Practices:**  
WASH HANDS THOROUGHLY AFTER HANDLING POWDER. ALWAYS USE PRODUCT IN THE VICINITY OF A WATER SOURCE IN CASE OF ACCIDENT.

**Supplemental Safety and Health:**  
DRACKETT POWDERED PRODUCTS ARE CONCENTRATED CHEMICALS INTENDED TO BE DILUTED PRIOR TO USE.

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

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

**Skin:**  
NO

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
IRRITANT TO EYES, SKIN, ESOPHAGUS & GASTROINTESTINAL TRACT. ENZYME MAY CAUSE ALLERGIC REACTION TO SENSITIVE INDIVIDUALS.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
IRRITATION, REDNESS, SWELLING, VOMITING

**Medical Cond Aggravated By Exposure:**  
PRE-EXISTING SENSITIZATION TO ENZYMES.

**First Aid:**  
EYES: RINSE IMMEDIATELY W/WATER. REMOVE CONTACT LENSES, FLUSH W/WATER FOR 15 MINS. SKIN: RINSE W/WATER FOR 15 MINS. INGESTION: DRINK A GLASSFUL OF WATER/MILK. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
WEAR EYE PROTECTION & IMPERVIOUS SUIT. REDUCE DUST EXPOSURE. THEN SWEEP UP & REMOVE TO AUTHORIZED DISPOSAL SITE. MOP/FLUSH AREA W/CLEAN WATER.

**Neutralizing Agent:**  
N/K

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

**Handling And Storage Precautions:**  
DONT REMOVE PACKETS FROM DISPENSER BEFORE USE. DONT HANDLE PACKETS W/WET HANDS. STORE IN A COOL, DRY PLACE. KEEP FROM FREEZING.

**Other Precautions:**  
AVOID CONTACT W/EYES, SKIN, MOUTH & CLOTHING. DONT USE IF ALLERGIC TO ENZYMES.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NONE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A 3

**Lower Limits:**  
NONE

**Upper Limits:**  
NONE

**Extinguishing Media:**  
WATER FOG, DRY ALCOHOL TYPE/ALL PURPOSE FOAM, DRY CHEMICAL, CO2/OTHER CLASS B EXTINGUISHING AGENTS

**Fire Fighting Procedures:**  
WEAR FULL PROTECTIVE EQUIPMENT; PRESSURE DEMAND SELF CONTAINED BREATHING APPARATUS & TURNOUT EQUIPMENT.

**Unusual Fire/Explosion Hazard:**  
NONE

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
NONE

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
NONE

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
NONE

**Vapor Density:**  
NONE

**Volatile Org Content %:**

**Spec Gravity:**  
1

**VOC Pounds/Gallon:**

**PH:** 10.5

**VOC Grams/Liter:**

**Viscosity:**  
N/P 4

**Evaporation Rate & Reference:**  
NONE

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
BLUE POWDER W/CITRUS FRAGRANCE

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

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
FREEZING. DONT MIX W/ANYTHING BUT WATER.

**Materials To Avoid:**  
N/K

**Hazardous Decomposition Products:**  
OXIDES OF CARBON

**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



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WARRANTY  
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