

# 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

**ACGIH STEL:**

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 Symptoms 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:**

DON'T REMOVE PACKETS FROM DISPENSER BEFORE USE. DON'T HANDLE PACKETS W/WET HANDS. STORE IN A COOL, DRY PLACE. KEEP FROM FREEZING.

**Other Precautions:**

AVOID CONTACT W/EYES, SKIN, MOUTH & CLOTHING. DON'T USE IF ALLERGIC TO ENZYMES.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:**

NONE

**Flash Point Text:**

NONE

**Autoignition Temp:**

N/A

**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:**

NONE

**Decomp Temp:**

N/A

**Decomp Text:**

N/A

**Vapor Pres:**

NONE

**Vapor Density:**

NONE

**Volatile Org Content %:**

NONE

**Spec Gravity:**

1

**VOC Pounds/Gallon:**

NONE

**PH:**

10.5

**VOC Grams/Liter:**

NONE

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

NONE

**Solubility in Water:**

SOLUBLE IN WATER

**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, DON'T 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

**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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