



The MSDS format adheres to the standards and regulatory requirements of the United States and may not meet regulatory requirements in other countries.

DuPont  
Material Safety Data Sheet

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DU007278 BAX(R) SYSTEM PROTEASE  
Revised 22-JUN-2006  
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CHEMICAL PRODUCT/COMPANY IDENTIFICATION  
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Tradenames and Synonyms

Protease  
Proteinase

# Company Identification

MANUFACTURER/DISTRIBUTOR

DUPONT QUALICON  
EXPERIMENTAL STATION  
BUILDING 400  
RT. 141 & HENRY CLAY ROAD  
WILMINGTON, DE 19880

PHONE NUMBERS

Product Information : 302-695-5300  
Transport Emergency : CHEMTREC 800-424-9300  
Medical Emergency : 800-441-3637

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COMPOSITION/INFORMATION ON INGREDIENTS  
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Components

Material	CAS Number	%
Water	7732-18-5	55-65
Glycerol	56-81-5	35-45
Protease		<1

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HAZARDS IDENTIFICATION  
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Potential Health Effects

THIS PRODUCT CAN BE USED SAFELY WHEN USED AS DIRECTED AND WHEN APPLICABLE SAFETY PRECAUTIONS ARE FOLLOWED.

Since this mixture has not been tested as a whole to determine the hazards by all routes of exposure, information is provided for each hazardous component of the mixture to meet requirements of OSHA's Hazard Communication Standard (29 CFR 1910.1200). The effects noted occur from exposure to the pure component unless otherwise noted.

INFORMATION FOR COMPONENTS

## (HAZARDS IDENTIFICATION - Continued)

Protease is a sensitizer. A small percentage of the population will exhibit an allergic reaction to the enzyme. Symptoms of exposure may include fatigue, weight loss, coughing, and shortness of breath.

## Carcinogenicity Information

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

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FIRST AID MEASURES  
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## First Aid

## INHALATION

Inhalation is not an expected route of exposure during normal use of the product.

## SKIN CONTACT

In case of contact, immediately wash skin with soap and water. Wash contaminated clothing before reuse.

## EYE CONTACT

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

## INGESTION

Ingestion is not an expected route of exposure during normal use of the product. If ingested, consult a physician immediately.

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FIRE FIGHTING MEASURES  
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## Flammable Properties

Material is a nonflammable water-based solution.

## Extinguishing Media

Use media appropriate for surrounding material.

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ACCIDENTAL RELEASE MEASURES  
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## Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

## Initial Containment

Follow applicable Federal, State/Provincial and Local laws/regulations.

## Spill Clean Up

Soak up with sawdust, sand, oil dry or other absorbent material.

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HANDLING AND STORAGE  
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## Handling (Personnel)

Avoid contact with eyes, skin or clothing.

## Storage

Store refrigerated (4 C) for quality of product for intended use. Not hazardous at other temperatures.

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EXPOSURE CONTROLS/PERSONAL PROTECTION  
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## Personal Protective Equipment

Latex gloves and safety glasses are minimum protective equipment recommended for any laboratory work with this product.

## Exposure Guidelines

## Exposure Limits

BAX(R) SYSTEM PROTEASE

PEL (OSHA) : None Established

TLV (ACGIH) : None Established

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PHYSICAL AND CHEMICAL PROPERTIES  
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## Physical Data

This product is a liquid with physical properties similar to water.

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STABILITY AND REACTIVITY  
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## Chemical Stability

Stable.

## Polymerization

Polymerization will not occur.

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DISPOSAL CONSIDERATIONS  
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## Waste Disposal

This material may be acceptable for treatment by a POTW (Publicly Owned Treatment Works). Follow all Federal and Local regulations. Consult POTW authorities for Local requirements.

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TRANSPORTATION INFORMATION  
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## Shipping Information

DOT/IMO/IATA  
Not Regulated.

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OTHER INFORMATION  
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## # Additional Information

The DuPont Oval, DuPont(TM), The Miracles of Science(TM), and BAX(R) are trademarks of DuPont or it's affiliates.

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The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Responsibility for MSDS : Product Safety Coordinator  
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Rt. 141 & Henry Clay Road  
Wilmington, DE 19880  
Telephone : 302-695-5300

# Indicates updated section.

This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.

End of MSDS