



## Acylase (porcine kidney)

### Grade I

Cat. No. A11270

#### COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name:</u>	Acylase (porcine kidney)
<u>Synonyms:</u>	Aminoacylase, N-Acylamino acid amidohydrolase
<u>CAS Number:</u>	9012-37-7
<u>MDL Number:</u>	MFCD00081285
<u>EC Number:</u>	232-732-3
<u>Molecular Formula:</u>	Not Available
<u>Molecular Weight:</u>	Not Available

#### HAZARDS IDENTIFICATION

<u>Acute Health Hazard:</u>	Irritant to eyes, skin, mucous membranes and respiratory system. May be harmful by ingestion, inhalation or skin absorption.
<u>Chronic Health Hazard:</u>	Not Available
<u>HMIS Rating:</u>	H:0 F:0 P:0
<u>NFPA Rating:</u>	H:0 F:0 R:0

To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.

## **FIRST AID MEASURES**

- Eye Contact: Flush eyes with large amounts of water for fifteen minutes. Separate eyelids with fingers. If irritation persists, seek medical attention.
- Skin Contact: Wash skin with soap and water. If irritation persists, seek medical attention.
- Ingestion: Do not induce vomiting. Seek medical attention.
- Inhalation: Move to a fresh air environment. Contact a physician if breathing becomes difficult.

## **FIRE FIGHTING MEASURES**

- Flash Point: Not Available
- Explosion Limits: Lower: Not Available  
Upper: Not Available
- Auto Ignition Temperature: Not Available
- Extinguishing Media: Carbon dioxide, dry chemical powder, alcoholresistant foam or water spray.
- Protective Equipment: Wear self-contained respirator and fully protective impervious suit.
- Specific Hazards: Emits hazardous fumes under fire conditions.

## **ACCIDENTAL RELEASE MEASURES**

- Personal Protection: Wear a self-contained breathing apparatus, rubber boots and gloves, and disposable coveralls. Dispose of coveralls after use.  
Keep unprotected persons away.
- Environmental Protection: Keep spills out of sewers and bodies of water. Dike and contain the spill with inert material. Absorb on sand, vermiculite or diatomite. Transfer material to a container for disposal or recovery. Ventilate area and wash spill site after material pickup is complete.

## HANDLING AND STORAGE

Handling: Avoid breathing dust, vapor, mist or gas. Avoid contact with skin and eyes. Avoid prolonged or repeated exposure. Use only in a chemical fume hood. Open and handle container with care. Keep ignition sources away.

Storage: Store in a tightly closed container in a dry, wellventilated place.

Storage Temperature: -20°C

## EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Wear appropriate protective eyeglass or chemical safety goggles. Eyewash facility in vicinity.

Skin: Wear impervious gloves and protective clothing.

Respiratory: Use a NIOSH approved respirator when exposure limits are exceeded or if irritation or other symptoms are experienced.

<u>Exposure Limits:</u>	<u>Country</u>	<u>Source</u>	<u>Type</u>	<u>Value</u>
	USA	ACGIH	TWA	Not Available
	USA	OSHA	PEL	Not Available

## PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Beige powder, lyophilized

Odor: Not Available

Melting Point: Not Available

Boiling Point: Not Available

Density: Not Available

Refractive Index, n<sub>20D</sub>: Not Available

Viscosity: Not Available

Solubility in Water: Not Available

## STABILITY AND REACTIVITY

Stability: Stable under normal temperatures and pressures.

Incompatibility: Strong oxidizing agents.

## TOXICOLOGICAL INFORMATION

RTECS Reference: BF4890000  
Target Organs: Not Available  
Toxicity Data: Not Available

## ECOLOGICAL INFORMATION

Not Available

## DISPOSAL CONSIDERATION

Contact a licensed professional waste disposal service. Dispose in a manner consistent with federal, state and local environmental regulations.

## TRANSPORT INFORMATION

DOT: Not Regulated  
IATA: Not Regulated

## REGULATORY INFORMATION

### United States:

Toxic Substance Control Act (TSCA): Not listed  
Superfund Amendments and Reauthorization Act (SARA 302): Not listed  
Superfund Amendments and Reauthorization Act (SARA 313): Not listed

### European Union:

European Inventory of Existing Chemical Substances (EINECS): No. 232-732-3  
Hazard Codes Xi  
Risk Statements 36/37/38  
Safety Statements 22-24/25

### Canada

Canadian Domestic Substances List (DSL): Not listed  
Canadian Domestic Substances List (NDSL): Not listed

## **OTHER INFORMATION**

Date Prepared: MH 7/19/11

The information above is presented in good faith. It is believed to be accurate and represents the best information currently available to us. However we make no warranty with respect to such information and we assume no liability resulting from its use. The user should consider this information as a supplement to other information that may be available and make independent judgment to ensure proper use to protect the health and safety of employees and the environment. Pfaltz and Bauer shall not be held liable for any damage resulting from handling or from contact with the above product.

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