

# Material Safety Data Sheet

Product Identity: Amdezyme

## Section I

Manufacturer's Name: Amdecon	Emergency Telephone Number: 904-625-0346
Address: 411 Walnut St. # 7740 Green Cove Springs, FL 32043	Telephone Number for Information: 904-625-0346

## Section II—Hazard Ingredients/Identity Information

HMIS (Scale 0-4, Where 4=Severe Hazard): Health: 2 Flammability: 1 Reactivity: 0			
Hazardous Components (Specific Chemical Identity; Common Name(s), CAS Number)	OSHA PEL	ACGIH TLV	Weight Percent
Subtilisins (proteolytic enzymes) 9014-01-1	Not Listed	0.00006 mg/m <sup>3</sup> Ceiling	5-10
Sucrose 57-50-1	15 mg/m <sup>3</sup> TWA 5 mg/m <sup>3</sup> TWA	10 mg/m <sup>3</sup> TWA	Proprietary
Magnesium sulfate 7487-88-9	Not Listed	Not Listed	Proprietary
Starch 9005-25-8	15 mg/m <sup>3</sup> TWA 5 mg/m <sup>3</sup> TWA	10 mg/m <sup>3</sup> TWA	Proprietary
Titanium dioxide 13463-67-7	15 mg/m <sup>3</sup> TWA	10 mg/m <sup>3</sup> TWA	Proprietary
Polyvinyl Alcohol 25213-24-5	Not Listed	Not Listed	Proprietary
Neodol 23-6.5 66455-14-9	Not Listed	Not Listed	Proprietary

## Section III—Physical/Chemical Characteristics

Boiling Point: Not applicable	Specific Gravity (H <sub>2</sub> O=1)
Vapor Pressure (mm Hg.): Not applicable	Melting Point: Not determined
Vapor Density (AIR = 1): Not applicable	Evaporation Rate (Butyl Acetate =1): Not applicable
Solubility in Water: Not determined	Color: Clear or white
Physical State: Liquid	Odor: Typical odor of fermented product

# Material Safety Data Sheet

## Section IV—Fire and Explosion Hazard Data

Extinguishing Media: All standard firefighting media.
Firefighting Procedures: Use extinguishing media suitable for surrounding materials. Wear adequate personal protection to prevent contact with material or its combustion products.

## Section V—Reactivity Data

Stability: Stable under normal storage conditions.
Incompatibility: None anticipated
Hazardous Decomposition or Byproducts: None anticipated
Hazardous Polymerization: None anticipated
Conditions to Avoid: None known

## Section VI—Health Hazard Data

Route(s) of Entry: Inhalation, ingestion
Health Hazards: May irritate the eyes. May irritate the respiratory tract.
Inhalation: May cause mild mechanical irritation.
Ingestion: No adverse health effects are expected from swallowing.
Eye Contact: May be irritating to the eyes.
Skin Contact: May cause mild skin irritation.
Potential Health Effects: Inhalation of enzyme mist/dust may cause allergic respiratory reactions, including asthma, in susceptible individuals on repeated exposure.
Aggravated Conditions: Pulmonary disorders.
Carcinogenicity: Not classified as a carcinogen by IARC, OSHA, or NTP.
Emergency and First Aid Procedures: Ingestion—Rinse Mouth and throat thoroughly with water. If signs of irritation or toxicity occur, seek medical attention. Skin Contact—Flush with copious amounts of water for at least 15 minutes. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary. Eye Contact—Flush with copious amounts of water for 15 minutes. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary. Inhalation—Remove from source of exposure. If symptoms of irritation or respiratory allergy occur, seek medical attention. Provide symptomatic/supportive care as necessary. Notes to Physician—May cause respiratory allergy.

# Material Safety Data Sheet

## Section VII—Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Use appropriate personal protection. Provide for sufficient ventilation. Avoid contact with product. Avoid inhalation of product. Contain and remove spilled product by mechanical means or with a vacuum cleaner equipped with a high efficiency filter. Avoid generation of aerosols.

Waste Disposal Method: Disposal should be made in accordance with federal, state, and local regulations.

Handling: Use appropriate personal protective equipment. Avoid breathing dust/mist and contact with the skin or eyes. Do not consume food, drink, or smoke while handling this material.

## Section VIII—Control Measures

Respiratory Protection: Use NIOSH approved dust respirator equipped with P100 filters.

Ventilation: Use only in well ventilated area.

Protective Gloves: Appropriate chemical resistant gloves should be worn.

Eye Protection: Safety glasses (with side shields)

Each MSDS must be reviewed for correctness and completeness every three years.

Reviewed by \_\_\_\_\_ Reviewed by \_\_\_\_\_

Revision date \_\_\_\_\_ Revision date \_\_\_\_\_