

# winemaker inc.

**industries** (manufacturing) | **ingredients** (formulations) | **international**

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## MSDS SHEET

### 1. Identification of the substance/preparation

*Product Name:* Pectic Enzyme Powder (Product #13428)  
*Product Description:* Juice Extraction Agent  
*Other Names:* Pectinase

### 2. Composition/Information on substance

*Chemical Compositions (A):* Matlodextrin (95-99%), Pectinase (1-5%)  
*CAS No.:* 9005-36-6 / 9032-75-1  
*Classification:* N/A  
*Risk Phrases:* N/A  
*Safety Phrases:* N/A

### 3. Hazard Identification

*Inhalation:* No observable effects.  
*Ingestion:* No observable effects.  
*Eye Contact:* Mild irritation may occur.  
*Skin Contact:* May cause mild irritation if contact with skin is prolonged.  
*Other information:* Unlikely to cause harmful effects under normal conditions of handling and use.

### 4. First Aid Measures

*Inhalation:* Remove to fresh air. If recovery is not rapid or complete, seek medical attention.  
*Ingestion:* Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. If patient feels unwell seek medical attention.  
*Eye Contact:* Irrigate thoroughly with water for at least 15 minutes. If irritation persists obtain medical attention.  
*Skin Contact:* Rinse with plenty of water. Remove contaminated clothing and wash before reuse. If irritation persists seek medical attention.

### 5. Fire Fighting Measures

*Fire extinguishing media:* Use extinguishers suitable to cause of fire.  
*Special fire fighting procedures:* None

### 6. Accidental Release Measures

*Personal Precautions:* Wear suitable protective clothing; safety goggles and gloves.  
*Environmental Precautions:* N/A  
*Methods for Cleaning:* Collect spillages on sand or proprietary absorbant. Flush away residues with water.

### 7. Handling & Storage

*Handling:* Prevent unnecessary contact with eyes or skin. Wear suitable protective clothing.

Storage: Store under cool dry conditions.

## 8. Exposure Controls/Personal Protection

*Exposure Limits:* Not known  
*Respiratory Protection:* Not required.  
*Hand Protection:* Gloves.  
*Eye Protection:* Safety Goggles.  
*Body Protection:* Not required.

## 9. Physical & Chemical Properties

*Appearance:* Off-white fine powder.  
*Odour:* None  
*pH:* N/A  
*Boiling Point:* N/A  
*Freezing Point:* N/A  
*Flash Point:* N/A  
*Flammability:* Non-flammable.  
*Relative Density:* 0.45/cm<sup>3</sup>  
*Solubility:* 100% Miscible in water.

## 10. Stability & Reactivity

*Stability:* Stable.  
*Conditions to Avoid:* Avoid elevated temperatures above 280°C / 536 °F.  
*Materials to Avoid:* None.  
*Hazardous Decomposition:* None.  
*By-Products:* None.

## 11. Toxicological Information

This product is not considered to be toxic.

## 12. Ecological Information

This product does not pose an ecological risk, though it should be disposed of in a responsible manner.

## 13. Disposal Consideration

There are no special considerations beyond those normally applied to waste disposal.

## 14. Transport Information

Avoid temperatures above 30°C / 86°F.

## 15. Regulatory Information

This material is not regulated.

**The information contained in this data sheet has been compiled by Winemaker Inc. to the best of its own knowledge and of available reliable data.**