

---

## 1. PRODUCT INFORMATION

---

### 1.1 Product Identifier

Product Description: Kiwifruit Extracts

Chemical Name: Not applicable

Trade Names: Actinidin Active  
Kiwifruit Powder  
KiwiEnzyme<sup>®</sup> KEP  
Kiwifruit Extract KEP

### 1.2 Uses

Nutritional ingredient.  
Controlled hydrolysis of protein components in food products.

### 1.3 Manufacturer

Company Name: KiwiEnzyme.com Limited

Address: 353 Fergusson Drive, Heretaunga, Upper Hutt 5018, New Zealand

Postal Address: 353 Fergusson Drive, Heretaunga, Upper Hutt 5018, New Zealand

Email: [info@kiwiEnzyme.com](mailto:info@kiwiEnzyme.com)

---

## 2. HAZARDOUS INGREDIENTS

---

### 2.1 Classification of the substance or mixture

**Principal Hazardous Compounds:** None                      **CAS Number:** Not Applicable

Product is GRAS for human consumption

### 2.2 Hazards

Dust inhalation

---

## 3. PHYSICAL DATA

---

**Boiling Point:** Not Applicable                      **Vapour Pressure (mm Hg):** Not Applicable

**Vapour Density:** Not Applicable                      **Moisture:** 5 – 10% (by weight)

**Evaporation Rate:** Not Applicable                      **Percent Volatile:** Not Applicable

**Solubility:** Soluble in water

**Appearance:** Cream to pale green coloured powder

---

#### **4. EXPLOSION HAZARD DATA**

---

**Flash Point:** Not applicable

**Auto Ignition Temperature:** Not applicable

**Flammable Limits in Air:** Not Applicable

---

#### **5. REACTIVITY DATA**

---

**Stability:** Product is stable under recommended (ambient) storage conditions.

---

#### **6. HEALTH HAZARDS**

---

**Inhalation:** Dust can cause respiratory tract irritation. Repeated inhalation may cause allergic reactions in sensitive individuals which can lead to respiratory inflammation and difficulty with breathing.

**Skin contact:** Prolonged contact can cause skin irritation

**Eye contact:** Direct contact will cause eye irritation.

**Ingestion:** Ingestion of the product has no ill effects.

---

#### **7. FIRST AID MEASURES**

---

**Inhalation:** Remove from product exposure. If allergic response occurs seek medical assistance.

**Skin contact:** Rinse off under running water. Wash skin with soap and water.

**Eye contact:** Irrigate eyes until no irritation is detected. Remove contact lenses if present.

**Ingestion:** Rinse mouth with water. Dilute swallowed product with water.

---

#### **8. FIRE FIGHTING MEASURES**

---

**Extinguishing Media:** Water

**Special Fire Fighting Procedures:** Use water spray to prevent dust – air mixtures

**Unusual Fire and Explosion Hazards:** Can become a flammable dust when finely divided and suspended in air. Keep away from sources of ignition, sparks and open flame. Use in well ventilated areas. Provide adequate dust control.

---

## 9. PERSONAL PROTECTION

---

### **Personal Protective Equipment:**

Overalls or protective coat, gloves and safety glasses must be used when handling the powder product. Protective garments must provide coverage of bare skin.

### **Respirators:**

Where continual exposure to powder dust is likely the use of an appropriate HIOSH-approved respirator is recommended.

---

## 10. HANDLING AND STORAGE

---

**Safe Work Practices:** Use of safe work practices are mandatory to avoid skin and eye contact and inhalation.

Avoid handling procedures which produce dust or create spillage.

**Storage Conditions:** Store under cool, dry conditions. Avoid storage in heated areas.

Maintain good house keeping procedures.

---

## 11. ACCIDENTAL SPILLAGE AND DISPOSAL MEASURES

---

### **Spill and disposal procedures:**

Sweep up and / or flush clear with water. Avoid production of dust. Eliminate all ignition sources. Large spills should be wetted and absorbed with inert materials then transferred to containers for disposal in an approved land fill.

---

## 12. TRANSPORT

---

The product is classified as non-hazardous for transport.