

MATERIAL SAFETY DATA SHEET

1. PRODUCT INFORMATION

1.1 Product Identifier

Product Description: Kiwifruit Extracts

Chemical Name: Not applicable

Trade Names: ActinidinActive®
Kiwifruit Powder
KiwiEnzyme® 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

Websites: www.kiwienzyme.com www.actinidin.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.