

DIPECTA, AG366 pectin

Revision Date: 03-Nov-2022

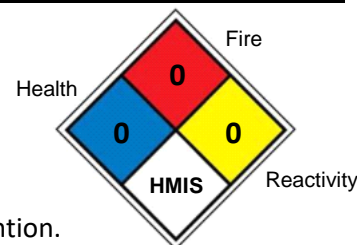
1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: DIPECTA, AG366 pectin
Catalog #: ACC 00710
Product Use: Degradation of plant cell walls
Manufacturer: Agdia, Inc.
 52642 County Road 1
 Elkhart, IN 46514
 (574) 264-2014
Contact: Safety Program Facilitator
Fax: (574) 264-2153
Email: info@agdia.com
Web: www.agdia.com
Emergency: Contact physician or poison control hotline.

2 HAZARDS IDENTIFICATION

GHS Classification: Not Hazardous

GHS Pictograms:



Precautions: If exposed or concerned, seek medical advice or attention.
GHS Hazards: Non-hazardous food additive product. In presence of water, the product makes a slippery surface. Potentially eye, skin or respiratory irritant for sensitive persons.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Composition / Formula: Low Methoxyl Pectin. CAS# 9000-69-5, E# 440i, EINECS# 232-553-0. No hazardous components or carcinogens > 0.1%.

4 FIRST AID MEASURES

Inhalation: Move to fresh air. If breathing is difficult, provide oxygen. Seek medical attention if needed.
Skin Contact: If skin irritation occurs, wash with soap and water.
Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.
Ingestion: Rinse mouth with water. Consult a physician if symptoms occur.

5 FIRE FIGHTING MEASURES

Fire Fighting: Not expected to ignite. If involved in a fire, use appropriate extinguishing agent for surrounding fire.
Specific Fire Hazards: None known.

6 ACCIDENTAL RELEASE MEASURES

Accidental Release: Remove material by aspiration to avoid dust accumulation. If needed, wash the surface with water. ATTENTION: Surface may be slippery if not cleaned correctly.

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7 HANDLING AND STORAGE

Handling Precautions: Handle in open, well ventilated area. Avoid humid atmospheres, intense light, and open flames.

Storage Requirements: Store at room temperature in a well ventilated area.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use mechanical (general) ventilation for storage areas.

Protective Equipment: No special protective equipment required. Handle in accordance with good industrial hygiene and safety practices. If substance is a powder, nuisance exposures may be avoided with use of type P95 (US) or type P1 (EU EN 143) particle respirator.

Exposure Guidelines: PEL - None Established. TLV - None Established.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Fine powder

Odor: None

Flash Point: Not available.

Physical State: Solid

pH: N/A

Autolignition: Not available.

Solubility: Completely soluble in water at 80/85 °C.

Other Information: Density (25 °C): 0.6 – 0.7 g/cm³. Creamy-white to light brown color. Decomposes at 200 °C. No additional physical or chemical information available.

10 STABILITY AND REACTIVITY

Reactivity Hazards: None known.

Conditions To Avoid: Protect against dust explosions (concentration < 0.1 g/L).

Stability: Stable under normal conditions.

Materials To Avoid: Strong oxidizing agents.

Hazardous By-products: Thermal decomposition gives smoke (see section 5).

11 TOXICOLOGICAL INFORMATION

Toxicology Information: LD₅₀ oral (rat): > 5 000 mg/kg. Skin contact effects. Eye irritation may occur in sensitive persons. Biodegradable polysaccharide. No additional toxicology data is available.

12 ECOLOGICAL INFORMATION

Ecological Information: No data available.

13 DISPOSAL CONSIDERATIONS

Disposal: Dispose of in accordance with local regulations.

14 TRANSPORT INFORMATION

Transport Information: Not dangerous goods per DOT, IATA, and IMDG. Avoid humidity.

15 REGULATORY INFORMATION

Regulatory Information: Pectin conforms to the definition and specifications from JECFA (FAO/WHO), FDA (21 CFR) and European Commission Directive 2008/84/EC.

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OTHER INFORMATION

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