

Substrate Diluent (for Phytodeket kits)

Revision Date: 17-Apr-2017

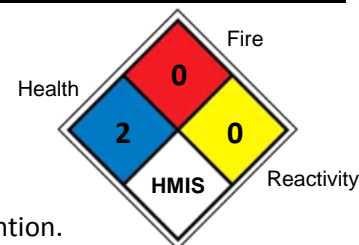
1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: Substrate Diluent (for Phytodeket kits)
Catalog #: PDN 00021, included in all PDK Phytodeket kits
Product Use: Diluent
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: DANGER

GHS Pictograms:



Precautions: If exposed or concerned, seek medical advice or attention.
GHS Hazards: Harmful if swallowed. Causes respiratory tract irritation. Causes skin irritation. May cause serious eye damage. Suspected of causing cancer. May cause organ damage with prolonged or repeated exposure.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Composition / Formula: Proprietary formulation containing diethanolamine (CAS 111-42-2, <15%). No other 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 needed.

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: Wear suitable laboratory protective clothing. Pick up excess with inert absorbant material and place into separate waste container. Flush area with warm soapy water.

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7 HANDLING AND STORAGE

Handling Precautions: Use standard laboratory safety practices. Protective gear shown in Section 8.
Storage Requirements: Store under refrigeration (+2 to +8 °C).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use mechanical (general) ventilation for storage areas.
Protective Equipment: Handle in accordance with good industrial hygiene and safety practices. Eye protection and gloves recommended. 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: Clear yellow liquid | Odor: None | Flash Point: Not available. |
| Physical State: Liquid | pH: ~ 9.8 | Autolgnition: Not available. |
| Solubility: Completely soluble in water | | |
| Other Information: No additional physical or chemical information available. | | |

10 STABILITY AND REACTIVITY

Reactivity Hazards: None known.
Conditions To Avoid: None known.
Stability: Stable under normal conditions.
Materials To Avoid: Strong oxidizing agents.
Hazardous By-products: No hazarous reactions nor hazardous decomposition products known.

11 TOXICOLOGICAL INFORMATION

Toxicology Information: The complete chemical, physical, and toxicological properties of this material have not been thoroughly investigated to the best of Agdia’s knowledge.

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.

15 REGULATORY INFORMATION

Regulatory Information: CERCLA: Not Applicable. SARA Title III: Not Listed

16 OTHER INFORMATION

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