

## Section 1 – Product and Company Identification

### 1.1 Manufacturer Information

Quidel Corporation

Phone: 1.800.874.1517

 Web: [quidel.com](http://quidel.com)

2005 East State Street, Suite 100

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 E-mail: [gehs@quidel.com](mailto:gehs@quidel.com)

Athens, OH 45701

Emergency (24-Hour): 1.866.519.4752

### 1.2 Product Information

 Product Name: D<sup>3</sup> IFA Enterovirus Duo Pack (Catalog #: 01-050001)

 Intended Use: For use with the D<sup>3</sup> IFA Enterovirus Identification Kit. For *in vitro* diagnostic use only.

 Components: D<sup>3</sup> Enterovirus MAb Reagent (01-055005), D<sup>3</sup> Anti-mouse Conjugate (01-056005)

## Section 2 – Hazards Identification

### Emergency Overview

Kit Component	OSHA Hazards	Target Organs	GHS Classification
D <sup>3</sup> Enterovirus MAb Reagent (01-055005) D <sup>3</sup> Anti-mouse Conjugate (01-056005)	None	None	None

### GHS Classification and Label Elements

#### 2.1 Classification of the Substance of Mixture

Not a hazardous substance or mixture.

#### 2.2 GHS Label Elements, including Precautionary Statements

Not a hazardous substance or mixture.

#### 2.3 Supplemental Hazard Statements

- Follow Universal Precautions when working with these components.
- Avoid release to the environment.
- Sodium azide is used as a preservative. Avoid disposal of this material down sanitary or industrial plumbing systems.

## Section 3 – Composition / Information on Ingredients

### 3.1 Mixtures

- Contains non-hazardous quantities of proprietary ingredients according to OSHA (29 CFR1910.1200)
- Not a hazardous mixture according to Regulation (EC) No. 1272/2008.

### 3.2 No chemicals need to be disclosed according to the applicable regulations for the components in this kit.

## Section 4 – First Aid Measures

### 4.1 Description of First Aid Measures

***If inhaled:***

Move the person to fresh air and support breathing as required.

***In case of skin contact:***

Wash affected area with soap and water. Seek medical advice if irritation develops.

***In case of eye contact:***

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical attention.

***If swallowed:***

Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical advice if irritation develops.

## Section 4 – First Aid Measures (cont'd)

### 4.2 Most Important Symptoms and Effects (both acute and delayed)

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

### 4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

No specific measures identified.

## Section 5 – Fire Fighting Measures

Only individuals properly trained and issued appropriate personal protective equipment should respond and attempt to extinguish a fire.

### 5.1 Suitable Extinguishing Media

For small fires, use dry chemical, carbon dioxide or alcohol-resistant foam.

### 5.2 Special Hazards Arising From the Substance or Mixture

Nature of decomposition products not known.

### 5.3 General Fire Hazards

The components within this kit will not significantly contribute to the intensity of a fire.

### 5.4 Fire Fighting Equipment

Firefighters should wear full protective gear when responding to fires.

## Section 6 – Accidental Release Measures

Only individuals properly trained and issued appropriate personal protective equipment should respond and attempt to clean up a spill or release. A large spill of the components contained within this kit is unlikely.

### 6.1 Personal Precautions

Avoid breathing vapors, mist or gas.

### 6.2 Environmental Precautions

Contain spill to prevent migration to drains, sewers or open water sources. Discharge to the environment must be avoided.

### 6.3 Methods and Materials for Clean-Up

Soak up with inert absorbent material (e.g., paper towel, etc.). Thoroughly wash the area with soap and water after a spill or release clean-up.

### 6.4 Recovery and Neutralization

Collect spilled material and clean-up supplies and place in a sealed container for disposal. Refer to Section 13 for disposal guidance.

## Section 7 – Handling and Storage

**7.1 Specific Use** For professional use only – Not for use by the general public.

### 7.2 Precautions for Safe Handling

As with all chemical and biological substances, avoid getting the components within this kit ON YOU or IN YOU. Wash exposed areas thoroughly after using this kit. Do not eat or drink while using this kit. This kit should be handled only by qualified clinical or laboratory employees trained on the use of this kit and who are familiar with the potential hazards. Universal Precautions should be followed when handling and working with this kit. Keep out of reach of the general public.

### 7.3 Conditions for Safe Storage (including any incompatibilities)

To maintain efficacy, store according to the Package Insert instructions.

### 7.4 Incompatibilities

To maintain efficacy, store according to the Package Insert instructions.

## Section 8 – Exposure Controls and Personal Protection

- 8.1 Exposure Limits** No data available for these components.
- 8.2 Exposure Controls**
- Engineering Measures Use with adequate ventilation.
- Personal Protective Equipment
- Respiratory Protection* None needed under normal conditions of use.
- Skin Protection* Handle with appropriately rated chemical resistant gloves. Gloves should be inspected prior to use. Use proper glove technique to remove gloves to avoid contact with skin. Wash hands after handling these components.
- Eye Protection* Wear safety glasses with side shields or goggles to prevent eye contact.
- Body Protection* Use body protection appropriate for the task. A laboratory coat is recommended.
- Hygiene Measures* Wash hands before use, after use and at the end of the workday.
- 8.3 Environmental Exposure Controls** No special environmental controls are required.
- 8.4 Special Notes** No data available.

## Section 9 – Physical and Chemical Properties

Characteristic	D <sup>3</sup> Enterovirus MAb Reagent	D <sup>3</sup> Anti-mouse Conjugate
Boiling Point (°C)	No data available	No data available
Melting Point (°C)	No data available	No data available
Specific Gravity (H <sub>2</sub> O = 1)	No data available	No data available
Vapor Pressure (mm Hg)	No data available	No data available
Vapor Density (Air = 1)	No data available	No data available
Evaporation Rate (Ether = 1)	No data available	No data available
pH	7.0 to 7.6	7.0 to 7.6
Solubility in Water	Soluble	Soluble
Appearance and Odor	Clear liquid, mild odor	Clear liquid, mild odor

## Section 10 – Stability and Reactivity

Characteristic	D <sup>3</sup> Enterovirus Mab Reagent	D <sup>3</sup> Anti-mouse Conjugate
Component Stability	Stable	Stable
Hazard Reaction Potential	No data available	No data available
Conditions to Avoid	No data available	No data available
Materials to Avoid	No data available	No data available
Hazardous Decomposition Products	No data available	No data available

## Section 11 – Toxicological Information

### 11.1 Information on Toxicological Effects

Acute Toxicity	No data available	
Skin Corrosion / Irritation	No data available	
Respiratory or Skin Sensitization	No data available	
Generative Cell Mutagenicity	No data available	
Carcinogenicity	No component of this kit present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by the ACGIH, IARC, NTP or OSHA.	
Reproductive Toxicity	No data available	
Teratogenicity	No data available	
Specified Target Organ Toxicity		
<u>Single Exposure:</u>	No data available	<u>Repeated Exposure:</u> No data available
Aspiration Hazard	No data available	
Potential Health Effects		
<i>Inhalation:</i>	May cause respiratory tract irritation.	<i>Skin:</i> May cause skin irritation upon contact.
<i>Ingestion:</i>	May be harmful if swallowed.	<i>Eyes:</i> May cause eye irritation.

### 11.2 Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated for the components within this kit.

### 11.3 Additional Information

No data available

## Section 12 – Ecological Information

12.1 Toxicity	No data available
12.2 Persistence and Degradability	No data available
12.3 Bioaccumulative Potential	No data available
12.4 Mobility in Soil	No data available
12.5 PBT and vPvB Assessment	No data available
12.6 Other Adverse Effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

## Section 13 – Disposal Considerations

### 13.1 Waste Disposal Instructions

Utilize appropriate personal protective equipment and spill control when handling wastes generated from using this kit. Do not discharge any of the solutions, reagents or controls into drains, water courses or onto the ground.

### 13.2 Disposal of Product and Contaminated Packaging

Dispose of waste materials, unused components and contaminated packaging in compliance with country, federal, state and local regulations. If unsure of the applicable regulatory requirements, contact a licensed professional waste disposal service to dispose of this material.

## Section 14 – Transportation Information

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|---|---|
| <b>14.1 U.S Department of Transportation (DOT)</b>              | These components are not regulated for transport. |
| <b>14.2 International Air Transportation Association (IATA)</b> | These components are not regulated for transport. |
| <b>14.3 International Maritime Dangerous Goods (IMDG)</b>       | These components are not regulated for transport. |

## Section 15 – Regulatory Information

### Regulatory Information

**15.1 U.S. Federal Regulations**

OSHA Hazards    None

SARA 302        The following chemicals are subject to reporting levels established by SARA Title III, Section 302:

Sodium Azide	CAS #: 26628-22-8	Revision Date: 2007-07-01
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SARA 313        The following chemicals are subject to reporting levels established by SARA Title III, Section 313:

Sodium Azide	CAS #: 26628-22-8	Revision Date: 2007-07-01
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SARA 311/312	Sodium Azide	CAS #: 26628-22-8	Acute Health Hazard, Chronic Health Hazard
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**15.2 State Regulations**

The following chemical(s) appear on one or more of the following state hazardous substances lists:

Chemical Name	CAS #	CA	MA	MN	NJ	PA	RI
Sodium Azide	26628-22-8	Yes	Yes	Yes	Yes	Yes	Yes

**California Prop 65:** This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

**15.3 Canadian – WHMIS IDL**

Chemical Name	CAS #	Minimum Concentration
Sodium Azide	26628-22-8	1%

**15.4 Additional Regulatory Information**
**Safety, Health and Environmental regulations/legislation specific for the mixture:**

Not completed for this components contained within this kit.

**Chemical Safety Assessment:**

Not completed for this components contained within this kit.

**HMIS Kit Classification:**

Health Hazard:	1
Chronic Health Hazard:	*
Flammability:	0
Physical Hazard:	0

**NFPA Kit Classification:**

Health Hazard (blue):	1
Fire Hazard (red):	0
Reactivity (yellow):	0
Special Hazards (white):	None

*\*Use additional care when handling these components.*

**Section 16 – Other Information**

**PREPARED BY:** Quidel Corporation  
12544 High Bluff Drive, Suite 200  
San Diego, CA 92130

**SUPERCEDES:** New

**REVISIONS:** New

The information above is provided in good faith. It is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability, fitness for a particular purpose or of any other type, expressed or implied, with respect to products described or data or information provided, and we assume no liability resulting from the use of such products, data or information. Users should make their own investigations to determine the suitability of the information for their particular purposes, and the user assumes all risk arising from their use of the material. The user is required to comply with all laws and regulations relating to the purchase, use, storage and disposal of the material, and must be familiar with and follow generally accepted safe handling procedures. In no event shall Quidel be liable for any claims, losses, or damages of any individual or for lost profits or any special, indirect, incidental, consequential or exemplary damages of any kind, howsoever arising, even if Quidel has been advised of the possibility of such damages.

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