Section 1 – Product and Company Identification

1.1 Manufacturer Information
Quidel Corporation
2005 East State Street, Suite 100
Athens, OH 45701

Phone: 1.800.874.1517
Web: quidel.com
Fax: 1.740.592.9820
E-mail: qehs@quidel.com

1.2 Product Information
Product Name: MicroVue CIC-C1q Controls (Catalog #: A013)

Intended Use: The CIC-C1q Controls are intended for use as controls in the MicroVue CIC EIA. This assay is for the detection and quantitation of circulating immune complexes in human serum or plasma.

Components: CIC-C1q Low Control and CIC-C1q High Control: 0.1 mL vials (typically frozen)

Section 2 – Hazard Identification

2.1 Classification of the Substance of Mixture
Not a hazardous substance or mixture.

2.2 GHS Label Elements, including Precautionary Statements
Wash hands thoroughly after handling the components within this kit.

2.3 Hazards Not Otherwise Classified (HNOC) or not covered by GHS
- The CIC-C1q Controls contain a material of human and/or animal origin and should be considered as potentially infectious. Universal Precautions should be followed when working with this product.
- Thimerosal is used as a preservative in the CIC-C1q Controls (<0.02%). Avoid disposal of this material down sanitary or industrial plumbing systems. Thimerosal is used as a preservative. Incidental contact with or ingestion of solutions containing thimerosal can lead to increased hypersensitivity reactions including irritation to the skin, eyes, or mouth. Seek medical attention if symptoms are experienced. Exposure to thimerosal may have potential mutagenic effects. Avoid contact with strong acids and bases. Wash hands thoroughly after handling these controls.

Section 3 – Composition / Information on Ingredients

3.1 Mixtures

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 (do not swallow). Seek medical advice if irritation develops.
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
Wipe 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
Refer to product specific package insert. 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 Universal Precautions
No known test method can offer complete assurance that product(s) derived from human blood, serum or plasma used in components of this kit will not transmit infectious agents. All blood products should be treated as potentially infectious; use universal precautions. Users should ensure the use of proper personal protective equipment (PPE), covering of any cuts or abrasions on the skin (hands), and follow standard protocols for the decontamination of work surfaces when testing has been completed. Always wash hands thoroughly after handling the components within this kit.
Section 7 – Handling and Storage (cont’d)

7.4 Conditions for Safe Storage (including any incompatibilities)
To maintain efficacy, store according to the package insert instructions.

7.5 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 the components within this kit.

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 the components within this kit.

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

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>CIC-C1q Low Control</th>
<th>CIC-C1q High Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point (°C)</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting Point (°C)</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific Gravity (H₂O = 1)</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor Density (Air = 1)</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Evaporation Rate (Ether = 1)</td>
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<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>Neutral</td>
<td>Neutral</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Soluble</td>
<td>Soluble</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Clear liquid, mild odor</td>
<td>Clear liquid, odorless</td>
</tr>
</tbody>
</table>

Section 10 – Stability and Reactivity

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>CIC-C1q Low Control</th>
<th>CIC-C1q High Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component Stability</td>
<td>Stable</td>
<td>Stable</td>
</tr>
<tr>
<td>Hazard Reaction Potential</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Materials to Avoid</td>
<td>No data available</td>
<td>No data available</td>
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<tr>
<td>Hazardous Decomposition Products</td>
<td>No data available</td>
<td>No data available</td>
</tr>
</tbody>
</table>
Section 11 – Toxicological Properties

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**
  - **Single Exposure**: No data available
  - **Repeated Exposure**: No data available
- **Aspiration Hazard**: No data available

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

None

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

14.1 U.S Department of Transportation (DOT)

This kit is not regulated for transport.

14.2 International Air Transportation Association (IATA)

This kit is not regulated for transport.

14.3 International Maritime Dangerous Goods (IMDG)

This kit is not regulated for transport.
Section 15 – 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:
No chemicals in this kit are subject to the reporting requirements of SARA Title III, Section 302

SARA 313
The following chemicals are subject to reporting levels established by SARA Title III, Section 313:
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313

SARA311/312 Hazards
Thimerosal
CAS #: 54-64-8
Chronic Health Hazard

15.2 State Regulations

The following chemicals appear on one or more of the following state hazardous substance lists:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS #</th>
<th>CA</th>
<th>MA</th>
<th>MN</th>
<th>NJ</th>
<th>PA</th>
<th>RI</th>
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<tbody>
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California Prop 65:
CIC-C1q Low Control and High Control – WARNING – These components contain a chemical known to the State of California to cause birth defects or other reproductive harm.

Thimerosal
CAS #: 54-64-8
Revision Date: 2013-12-20

15.3 Canadian – WHMIS Classification

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS #</th>
<th>Minimum Concentration</th>
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</table>

15.4 Additional Regulatory Information

Safety, Health and Environmental Regulations/Legislation Specific for the Mixture
No data available

Chemical Safety Assessment
Not completed for the components contained within this kit.

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

Section 16 – Other Information

Every effort has been made to adhere to the hazard criteria and content requirements of the U.S. OSHA Hazard Communication Standard, European Communities Safety Data Sheets Directive, Canadian Controlled Products Regulations, UK Chemical Hazard information and Packaging Regulations, and UN Globally Harmonized System of Classification and Labeling of Chemicals.

PREPARED BY: Quidel Corporation
SUPERSEDES: May 27, 2015

REVISIONS: Change to format of SDS.

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