SECTION 1: Identification

1.1. Identification

Product form: Mixture
Product name: QuickVue Chlamydia
Product code: 0B006

1.2. Recommended use and restrictions on use

Recommended use: For medical diagnostic use.
Restrictions on use: Professional Use of Medical Devices.

1.3. Supplier

Manufacturer:
Quidel Corporation
10165 McKellar Court
San Diego, 92121 - USA
T 1.800.874.1517 - F 1.858.453.4338
gehs@quidel.com - quidel.com

1.4. Emergency telephone number

Emergency number: 1.866.519.4752

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

<table>
<thead>
<tr>
<th>Components</th>
<th>GHS US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlamydia Negative Control (1.1 mL)</td>
<td>Skin Sens. 1, H317</td>
</tr>
<tr>
<td>Chlamydia Positive Control (1.1 mL)</td>
<td>Skin Sens. 1, H317</td>
</tr>
<tr>
<td>Extraction Reagent A, Chlamydia (11 mL)</td>
<td>Skin Corr. 1, H314, Eye Irrit. 2A, H319</td>
</tr>
<tr>
<td>Extraction Reagent B, Chlamydia (19 mL)</td>
<td>Aquatic Acute 2, H401</td>
</tr>
</tbody>
</table>

Full text of H statements: see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

<table>
<thead>
<tr>
<th>Components</th>
<th>Pictograms</th>
<th>Signal word</th>
<th>Hazard statements</th>
<th>Precautionary statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlamydia Negative Control (1.1 mL)</td>
<td>Warning</td>
<td>H317 - May cause an allergic skin reaction</td>
<td>P280 - Wear protective gloves and safety glasses P302+P352 - If on skin: Wash skin thoroughly with mild soap and water P321 - Specific treatment: Seek medical attention if ill effect develops</td>
<td></td>
</tr>
<tr>
<td>Chlamydia Positive Control (1.1 mL)</td>
<td>Warning</td>
<td>H317 - May cause an allergic skin reaction</td>
<td>P280 - Wear protective gloves and safety glasses P302+P352 - If on skin: Wash skin thoroughly with mild soap and water P321 - Specific treatment: Seek medical attention if ill effect develops</td>
<td></td>
</tr>
<tr>
<td>Extraction Reagent A, Chlamydia (11 mL)</td>
<td>Danger</td>
<td>H314 - Causes severe skin burns and eye damage H319 - Causes serious eye irritation</td>
<td>P264 - Wash hands thoroughly after handling P280 - Wear protective gloves and safety glasses P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing</td>
<td></td>
</tr>
</tbody>
</table>
QuickVue Chlamydia Kit
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Issue date: 11/13/2013  Revision date: 07/08/2020  Supersedes: 10/03/2019  Version: 2.0

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P321 - Specific treatment: Seek medical attention if ill effect develops
P501 - Dispose of contents/container: Dispose in a safe manner in accordance with local/national regulations

**Extraction Reagent B, Chlamydia (19 mL)**

<table>
<thead>
<tr>
<th>Name</th>
<th>Chemical name</th>
<th>CAS #</th>
<th>%</th>
<th>GHS US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlamydia Negative Control (1.1 mL)</td>
<td>Microcide III</td>
<td>&lt;0.5</td>
<td>Skin Sens. 1, H317</td>
<td></td>
</tr>
<tr>
<td>Chlamydia Positive Control (1.1 mL)</td>
<td>Microcide III</td>
<td>&lt;0.5</td>
<td>Skin Sens. 1, H317</td>
<td></td>
</tr>
<tr>
<td>Extraction Reagent A, Chlamydia (11 mL)</td>
<td>Sodium Hydroxide (solution)</td>
<td>1310-73-2</td>
<td>&lt; 1</td>
<td>Met. Corr. 1, H290</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Skin Corr. 1A, H314</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Eye Dam. 1, H318</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Aquatic Acute 3, H402</td>
</tr>
<tr>
<td>Extraction Reagent B, Chlamydia (19 mL)</td>
<td>Thimerosal</td>
<td>54-64-8</td>
<td>≤ 0.05</td>
<td>Acute Tox. 3 (Oral), H301</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 1 (Dermal), H310</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 2 (Inhalation), H330</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STOT RE 2, H373</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Aquatic Acute 1, H400</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Aquatic Chronic 1, H410</td>
</tr>
</tbody>
</table>

Full text of hazard classes and H-statements: see section 16

**SECTION 4: First-aid measures**

4.1. Description of first aid measures

First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after 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 advice/attention.
First-aid measures after ingestion: Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after skin contact: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact: Eye irritation.
Immediate medical attention and special treatment, if necessary: Treat symptomatically.

**SECTION 5: Fire-fighting measures**

5.1. Suitable (and unsuitable) extinguishing media


5.2. Specific hazards arising from the chemical

No additional information available

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures: Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

6.1.2. For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: “Exposure controls/personal protection”.

6.2. Environmental precautions

Environmental precautions: Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment: Collect spillage.
Methods for cleaning up: Mechanically recover the product. Take up liquid spill into absorbent material.
Other information: Dispose of materials or solid residues at an authorized site.
Reference to other sections: For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray.
Hygiene measures: Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a well-ventilated place. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Material</th>
<th>Control parameter</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Hydroxide (1310-73-2)</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>2 mg/m³</td>
</tr>
<tr>
<td></td>
<td>OSHA Regulatory reference (US-OSHA)</td>
<td>OSHA Annotated Table Z-1</td>
</tr>
<tr>
<td>Thimerosal (54-64-8)</td>
<td>ACGIH TWA (mg/m³)</td>
<td>0.1 mg/m³</td>
</tr>
</tbody>
</table>

8.2. Appropriate engineering controls

Appropriate engineering controls: Ensure good ventilation of the work station.
Environmental exposure controls: Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Materials for protective clothing:
Lab coat
Hand protection:
Protective gloves
Eye protection:
Safety glasses
Skin and body protection:
Wear suitable protective clothing
Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment
Personal protective equipment symbol(s):

Other information:

Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid Kit – Liquid Controls and Reagents</td>
</tr>
<tr>
<td>Appearance</td>
<td>In vitro diagnostic medical test kit.</td>
</tr>
<tr>
<td>Color</td>
<td>No data available</td>
</tr>
<tr>
<td>Odor</td>
<td>No data available</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td><strong>Extraction Reagent A</strong>: pH 12.9</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Relative evaporation rate (butyl acetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition coefficient n-octanol/water (Log Pow)</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
</tbody>
</table>

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available
### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity (oral)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Acute toxicity (dermal)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Acute toxicity (inhalation)</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

**Thimerosal (54-64-8)**

- **LD50 oral rat:** 75 mg/kg (Rat)
- **ATE US (oral):** 75 mg/kg body weight
- **ATE US (dermal):** 5 mg/kg body weight
- **ATE US (gases):** 100 ppmV/4h
- **ATE US (vapors):** 0.5 mg/l/4h
- **ATE US (dust, mist):** 0.05 mg/l/4h

**Skin corrosion/irritation**

- Not classified

**Serious eye damage/irritation**

- Causes serious eye irritation.

**Respiratory or skin sensitization**

- May cause an allergic skin reaction.

**Germ cell mutagenicity**

- Not classified

**Carcinogenicity**

- Not classified

**Reproductive toxicity**

- Not classified

**STOT-single exposure**

- Not classified

**STOT-repeated exposure**

- May cause damage to organs through prolonged or repeated exposure.

**Aspiration hazard**

- Not classified

**Viscosity, kinematic**

- No data available

**Symptoms/effects after skin contact**

- Irritation. May cause an allergic skin reaction.

**Symptoms/effects after eye contact**

- Eye irritation.

### SECTION 12: Ecological information

**12.1. Toxicity**

Ecology - general

- Toxic to aquatic life.

**Thimerosal (54-64-8)**

- **LC50 fish 1:** 0.033 ppm (96 h, Salmo gairdneri)
- **EC50 Daphnia 1:** 0.0052 mg/l (48 h, Daphnia magna)

**12.2. Persistence and degradability**

No additional information available

**12.3. Bioaccumulative potential**

**Thimerosal (54-64-8)**

- **Partition coefficient n-octanol/water (Log Pow):** -1.88

**12.4. Mobility in soil**

**Thimerosal (54-64-8)**

- **Ecology - soil:** Adsorbs into the soil.

**12.5. Other adverse effects**

No additional information available

### SECTION 13: Disposal considerations

**13.1. Disposal methods**

- **Regional legislation (waste):** Disposal must be done according to official regulations.
- **Waste treatment methods:** Dispose of contents/container in accordance with licensed collector’s sorting instructions.
- **Sewage disposal recommendations:** Disposal must be done according to official regulations.
Additional information: Thimerosal contains ethylmercury. Wastes containing mercury salts are regulated as toxic hazardous waste when the mercury is present in concentrations greater than 0.2 mg/L. Under no circumstances should any waste containing mercury be disposed of in the trash, put down the drain, or placed in biohazard bags or sharps containers.

Ecology - waste materials: Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)
Not regulated

Transport by sea
Not regulated

Air transport
Not regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

Microcide III
Not listed on the United States TSCA (Toxic Substances Control Act) inventory

Thimerosal (54-64-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

Microcide III
Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

Thimerosal (54-64-8)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations
No additional information available

National regulations
No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.