SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Name: QuanTscopics Urine Microscopics Control, Level 1 (Low) / Level 2 (High)
Product Code: 1481-41, 1482-41
Synonyms: Human Urine containing Human Blood Cells

1.2. Intended Use of the Product

Laboratory Quality Control Material. For professional use only.

1.3. Name, Address, and Telephone of the Responsible Party

Company
Quantimetrix Corp.
2005 Manhattan Beach Blvd.
Redondo Beach, CA 90278
310-536-0006
www.quantimetrix.com

1.4. Emergency Telephone Number

Emergency Number: 310-536-0006

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US Classification
Skin Sens. 1 H317
Full text of hazard classes and H-statements: see section 16

2.2. Label Elements

GHS-US Labeling
Hazard Pictograms (GHS-US):

Signal Word (GHS-US): Warning
Precautionary Statements (GHS-US):
  P261 - Avoid breathing vapors, mist, or spray.
  P272 - Contaminated work clothing must not be allowed out of the workplace.
  P280 - Wear protective gloves, protective clothing, and eye protection.
  P302+P352 - If on skin: Wash with plenty of water.
  P321 - Specific treatment (see section 4 on this SDS).
  P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
  P363 - Wash contaminated clothing before reuse.
  P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US) No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Identifier</th>
<th>% (w/w)</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixture, 3(2H)-isothiazolone, 5-chloro-2-</td>
<td>(CAS No) 55965-84-9</td>
<td>0.003</td>
<td>Acute Tox. 3 (Oral), H301</td>
</tr>
</tbody>
</table>
QuanTscopics Urine Microscopics Control, Level 1 (Low) / Level 2 (High)

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methyl- with 2-methyl-3(2H)-isothiazolone

Acute Tox. 3 (Dermal), H311
Acute Tox. 3 (Inhalation:dust,mist), H331
Skin Corr. 1B, H314
Eye Dam. 1, H318
Skin Sens. 1, H317
Aquatic Acute 1, H400
Aquatic Chronic 1, H410

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures
General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed
General: Skin sensitization.

Inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

Skin Contact: May cause an allergic skin reaction. Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Eye Contact: May cause slight irritation to eyes.

Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed
If medical advice is needed, have product container or label at hand. If exposed or concerned, get medical advice and attention.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media
Suitable Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture
Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters
Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.


Reference to Other Sections
Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures
General Measures: Avoid breathing (vapor, mist, spray). Do not get in eyes, on skin, or on clothing.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).


6.1.2. For Emergency Personnel
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**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

**6.2. Environmental Precautions**

Prevent entry to sewers and public waters.

**6.3. Methods and Materials for Containment and Cleaning Up**

**For Containment:** Absorb and/or contain spill with inert material, then place in suitable container. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

**6.4. Reference to Other Sections**

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

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**SECTION 7: HANDLING AND STORAGE**

**7.1. Precautions for Safe Handling**

**Precautions for Safe Handling:** Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapors, mist, spray.

**Hygiene Measures:** Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

**7.2. Conditions for Safe Storage, Including Any Incompatibilities**

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

**Incompatible Products:** Strong bases. Strong oxidizers. Strong acids.

**7.3. Specific End Use(s)**

Laboratory Quality Control Material. For professional use only.

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**SECTION 8: EXPOSURE CONTROLS/PERSOANL PROTECTION**

**8.1. Control Parameters**

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

**8.2. Exposure Controls**

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles.

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**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles or safety glasses.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

**Other Information:** When using, do not eat, drink or smoke.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1. Information on Basic Physical and Chemical Properties**

**Physical State:** Liquid
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Appearance: Light Yellow
Odor: Not available
Odor Threshold: Not available
pH: 5.5 - 6.5
Evaporation Rate: Not available
Melting Point: Not available
Freezing Point: Not available
Boiling Point: Not available
Flash Point: Not available
Auto-ignition Temperature: Not available
Decomposition Temperature: Not available
Flammability (solid, gas): Not available
Lower Flammable Limit: Not available
Upper Flammable Limit: Not available
Vapor Pressure: Not available
Relative Vapor Density at 20°C: Not available
Relative Density: Not available
Specific Gravity: Not available
Solubility: Not available
Partition Coefficient: N-Octanol/Water: Not available
Viscosity: Not available
Explosion Data - Sensitivity to Mechanical Impact: Not expected to present an explosion hazard due to mechanical impact.
Explosion Data - Sensitivity to Static Discharge: Not expected to present an explosion hazard due to static discharge.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: Hazardous reactions will not occur under normal conditions.
10.2. Chemical Stability: Stable under recommended handling and storage conditions (see section 7).
10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
10.4. Conditions to Avoid: Direct sunlight, extremely high or low temperatures, and incompatible materials.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects - Product
Acute Toxicity: Not classified
LD50 and LC50 Data: Not available
Skin Corrosion/Irritation: Not classified
pH: 5.5 - 6.5
Serious Eye Damage/Irritation: Not classified
pH: 5.5 - 6.5
Respiratory or Skin Sensitization: May cause an allergic skin reaction.
Germ Cell Mutagenicity: Not classified
Teratogenicity: Not available
Carcinogenicity: Not classified
Specific Target Organ Toxicity (Repeated Exposure): Not classified
Reproductive Toxicity: Not classified
Specific Target Organ Toxicity (Single Exposure): Not classified
Aspiration Hazard: Not classified
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Symptoms/Injuries After Inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction. Redness, pain, swelling, itching, burning, dryness, and dermatitis.
Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.
Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.
Chronic Symptoms: None expected under normal conditions of use.

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

<table>
<thead>
<tr>
<th>Mixture, 3(2H)-isothiazolone, 5-chloro-2-methyl- with 2-methyl-3(2H)-isothiazolone (55965-84-9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 Oral Rat</td>
</tr>
<tr>
<td>53 mg/kg</td>
</tr>
<tr>
<td>ATE (Dermal)</td>
</tr>
<tr>
<td>300.00 mg/kg body weight</td>
</tr>
<tr>
<td>ATE (Dust/Mist)</td>
</tr>
<tr>
<td>0.50 mg/l/4h</td>
</tr>
</tbody>
</table>

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity
Ecology - General: Not classified.

12.2. Persistence and Degradability
QuanTscopics Urine Microscopics Control, Level 1 (Low) / Level 2 (High)
Persistence and Degradability: Not established.

12.3. Bioaccumulative Potential
QuanTscopics Urine Microscopics Control, Level 1 (Low) / Level 2 (High)
Bioaccumulative Potential: Not established.

12.4. Mobility in Soil
Not available

12.5. Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.
Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.
Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

14.1. In Accordance with DOT
Not regulated for transport

14.2. In Accordance with IMDG
Not regulated for transport

14.3. In Accordance with IATA
Not regulated for transport

14.4. In Accordance with TDG
Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations
QuanTscopics Urine Microscopics Control, Level 1 (Low) / Level 2 (High)
SARA Section 311/312 Hazard Classes: Immediate (acute) health hazard

15.2. US State Regulations
Neither this product nor its chemical components appear on any US state lists.

15.3. Canadian Regulations
QuanTscopics Urine Microscopics Control, Level 1 (Low) / Level 2 (High)
WHMIS Classification: Class D Division 2 Subdivision B - Toxic material causing other toxic effects
QuanTscopics Urine Microscopics Control, Level 1 (Low) / Level 2 (High)

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Mixture, 3(2H)-isothiazolone, 5-chloro-2-methyl- with 2-methyl-3(2H)-isothiazolone (55965-84-9)
Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification
- Class D Division 2 Subdivision B - Toxic material causing other toxic effects
- Class E - Corrosive Material
- Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date : 06/06/2016
Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

GHS Full Text Phrases:
- Acute Tox. 3 (Dermal) : Acute toxicity (dermal) Category 3
- Acute Tox. 3 (Inhalation:dust,mist) : Acute toxicity (inhalation:dust,mist) Category 3
- Acute Tox. 3 (Oral) : Acute toxicity (oral) Category 3
- Aquatic Acute 1 : Hazardous to the aquatic environment - Acute Hazard Category 1
- Aquatic Chronic 1 : Hazardous to the aquatic environment - Chronic Hazard Category 1
- Eye Dam. 1 : Serious eye damage/eye irritation Category 1
- Skin Corr. 1B : Skin corrosion/irritation Category 1B
- Skin Sens. 1 : Skin sensitization Category 1
- H301 : Toxic if swallowed
- H311 : Toxic in contact with skin
- H314 : Causes severe skin burns and eye damage
- H317 : May cause an allergic skin reaction
- H318 : Causes serious eye damage
- H331 : Toxic if inhaled
- H400 : Very toxic to aquatic life
- H410 : Very toxic to aquatic life with long lasting effects

NFPA Health Hazard : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA Fire Hazard : 0 - Materials that will not burn.
NFPA Reactivity Hazard : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

HMIS III Rating
- Health : 2 Moderate Hazard - Temporary or minor injury may occur
- Flammability : 0 Minimal Hazard
- Physical : 0 Minimal Hazard

Party Responsible For The Preparation Of This Document
Quantimetrix Corp.
2005 Manhattan Beach Blvd.
Redondo beach, CA 90278
310-536-0006

05/08/2016 EN (English US)
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.