SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Product form: Mixture
Product Name: Sweat Control
Product code: 1190-01

1.2. Relevant identified uses of the substance or mixture and uses advised against
1.2.1. Relevant identified uses
Use of the substance/mixture: Laboratory Quality Control Material. For professional use only.

1.2.2. Uses advised against
No additional information available

1.3. Details of the supplier of the safety data sheet
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
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Skin Sens. 1
H317
Full text of hazard classes and H-statements: see section 16

Adverse physicochemical, human health and environmental effects
No additional information available

2.2. Label elements
Labelling according to Regulation (EC) No. 1272/2008 [CLP]
Hazard pictograms (CLP):

Signal word (CLP): Warning
Hazard statements (CLP): H317 - May cause an allergic skin reaction
Precautionary statements (CLP): P261 - Avoid breathing vapours, mist, or spray.  
P272 - Contaminated work clothing should 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.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

2.3. Other hazards
Other hazards not contributing to the classification:
Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

SECTION 3: Composition/information on ingredients

3.1. Substance
Not applicable

3.2. Mixture
Sweat Control
Safety Data Sheet

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride</td>
<td>(CAS-No.) 7647-14-5 (EC-No.) 231-598-3</td>
<td>0,35</td>
<td>Not classified</td>
</tr>
<tr>
<td>Potassium chloride</td>
<td>(CAS-No.) 7447-40-7 (EC-No.) 231-211-8</td>
<td>0,145</td>
<td>Not classified</td>
</tr>
<tr>
<td>Urea</td>
<td>(CAS-No.) 57-13-6 (EC-No.) 200-315-5</td>
<td>0,032</td>
<td>Not classified</td>
</tr>
<tr>
<td>5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone</td>
<td>(CAS-No.) 55965-84-9 (EC Index-No.) 613-167-00-5</td>
<td>0,003</td>
<td>Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation:dust,mist), H331 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410</td>
</tr>
</tbody>
</table>

Specific concentration limits:

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>Specific concentration limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone</td>
<td>(CAS-No.) 55965-84-9 (EC Index-No.) 613-167-00-5</td>
<td>(C &gt;= 0,0015) Skin Sens. 1, H317 (0,06 &lt;=C &lt; 0,6) Skin Irrit. 2, H315 (0,06 &lt;=C &lt; 0,6) Eye Irrit. 2, H319 (C &gt;= 0,6) Skin Corr. 1B, H314</td>
</tr>
</tbody>
</table>

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures
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).
First-aid measures after inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
First-aid measures after skin contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.
First-aid measures after 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.
First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/Injuries: Skin sensitisation.
Symptoms/Injuries after inhalation: Prolonged exposure may cause irritation.
Symptoms/Injuries after skin contact: May cause an allergic skin reaction.
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.

4.3. Indication of any immediate medical attention and special treatment needed
If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting 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.

15/05/2017 EN (English) 2/8
SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures
Avoid breathing (vapour, mist, spray). Do not get in eyes, on skin, or on clothing.

6.1.1. For non-emergency personnel
Protective equipment
Use appropriate personal protective equipment (PPE).

Emergency procedures
Evacuate unnecessary personnel.

6.1.2. For emergency responders
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 material for containment and cleaning up
For containment
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.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Precautions for safe handling
Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapours, mist, spray.

Hygiene measures
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
Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible products
Strong acids, strong bases, strong oxidizers.

7.3. Specific end use(s)
Laboratory Quality Control Material. For professional use only.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)

<table>
<thead>
<tr>
<th></th>
<th>MAK (mg/m³)</th>
<th>OEL chemical category (AT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Austria</td>
<td>0,05 mg/m³</td>
<td>Skin notation, Skin sensitizer</td>
</tr>
</tbody>
</table>

Sodium chloride (7647-14-5)

<table>
<thead>
<tr>
<th></th>
<th>OEL TWA (mg/m³)</th>
<th>IPRV (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Latvia</td>
<td>5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Lithuania</td>
<td>5 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

Potassium chloride (7447-40-7)

<table>
<thead>
<tr>
<th></th>
<th>OEL TWA (mg/m³)</th>
<th>IPRV (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulgaria</td>
<td>5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Latvia</td>
<td>5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Lithuania</td>
<td>5 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

Urea (57-13-6)

<table>
<thead>
<tr>
<th></th>
<th>OEL TWA (mg/m³)</th>
<th>Grendsevern (AN) (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulgaria</td>
<td>10 mg/m³</td>
<td>30 µg Hg/g creatinine (Biological limit)</td>
</tr>
<tr>
<td>Latvia</td>
<td>10 mg/m³</td>
<td>30 µg Hg/g creatinine (Biological limit)</td>
</tr>
<tr>
<td>Lithuania</td>
<td>10 mg/m³</td>
<td>30 µg Hg/g creatinine (Biological limit)</td>
</tr>
</tbody>
</table>
Sweat Control
Safety Data Sheet

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.

Materials for protective clothing
Hand protection: Chemically resistant materials and fabrics.
Eye protection: Wear protective gloves.
Skin and body protection: Chemical safety goggles.
Respiratory protection: Wear suitable protective clothing.
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.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
Physical state: Liquid
Colour: Clear Colourless
Odour: Odourless
Odour threshold: No data available
pH: 6
Evaporation rate: No data available
Melting point: No data available
Freezing point: No data available
Boiling point: No data available
Flash point: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Flammability (solid, gas): No data available
Vapour pressure: No data available
Relative vapour density at 20 °C: No data available
Relative density: 1 (water = 1)
Solubility: No data available
Partition coefficient: n-octanol/water: No data available
Viscosity: No data available
Explosive properties: No data available
Oxidising properties: No data available
Explosive limits: No data available

9.2. Other information
No additional information available

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.
Sweat Control
Safety Data Sheet

10.5. Incompatible materials
Strong acids, strong bases, strong oxidizers.

10.6. Hazardous decomposition products
None expected under normal conditions of use.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| Substance | Acute toxicity | LD50 oral rat | ATE CLP (dermal) | ATE CLP (dust, mist) | Sodium chloride (7647-14-5) | LD50 oral rat | LC50 inhalation rat (mg/l) | Potassium chloride (7447-40-7) | LD50 oral rat | Urea (57-13-6) | LD50 oral rat | Skin corrosion/irritation | Serious eye damage/irritation | Respiratory or skin sensitisation | Germ cell mutagenicity | Carcinogenicity | Reproductive toxicity | Specific target organ toxicity (single exposure) | Specific target organ toxicity (repeated exposure) | Aspiration hazard | Symptoms/Injuries After Inhalation | Symptoms/Injuries After Skin Contact | Symptoms/Injuries After Eye Contact | Symptoms/Injuries After Ingestion | Chronic Symptoms | Potential adverse human health effects and symptoms |
|------------|----------------|---------------|------------------|---------------------|--------------------------|---------------|------------------------|-----------------------------|---------------|----------------|----------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------|----------------------|----------------------|----------------------|-----------------------|----------------------|------------------------------------------------|
| 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9) | Not classified | 53 mg/kg | 300.00 mg/kg bodyweight | 0.50 mg/l/4h |   | 3 g/kg | > 42 g/m³ (Exposure time: 1 h) |   | 2600 mg/kg |   | 8471 mg/kg |   | Not classified | Not classified | May cause an allergic skin reaction. | Not classified | Not classified | Not classified | Not classified | Not classified | Not classified | Prolonged exposure may cause irritation. | May cause an allergic skin reaction. | May cause slight irritation to eyes. | Ingestion may cause adverse effects. | None expected under normal conditions of use. | Based on available data, the classification criteria are not met. |

SECTION 12: Ecological information

12.1. Toxicity
Ecology - general : Not classified.

<table>
<thead>
<tr>
<th>Substance</th>
<th>LC50 fish 1</th>
<th>EC50 Daphnia 1</th>
<th>LC50 fish 2</th>
<th>EC50 Daphnia 2</th>
<th>Potassium chloride (7447-40-7)</th>
<th>LC50 fish 1</th>
<th>EC50 Daphnia 1</th>
<th>LC50 fish 2</th>
<th>EC50 Daphnia 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride (7647-14-5)</td>
<td>5560 (5560 - 6080) mg/l (Exposure time: 96 h - Species: Lepomis macrochirus (flow-through))</td>
<td>1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)</td>
<td>12946 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])</td>
<td>340.7 (340.7 - 469.2) mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])</td>
<td></td>
<td>1060 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])</td>
<td>825 mg/l (Exposure time: 48 h - Species: Daphnia magna)</td>
<td>750 (750 - 1020) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])</td>
<td>880 mg/l (Exposure time: 24 h - Species: Daphnia magna)</td>
</tr>
</tbody>
</table>
Sweat Control
Safety Data Sheet

Urea (57-13-6)

<table>
<thead>
<tr>
<th>LC50 fish 1</th>
<th>16200 - 18300 mg/l (Exposure time: 96 h - Species: Poecilia reticulata)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC50 Daphnia 1</td>
<td>3910 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

Sweat Control
Persistence and degradability: Not established.

12.3. Bioaccumulative potential

Sweat Control
Bioaccumulative potential: Not established.

Sodium chloride (7647-14-5)

<table>
<thead>
<tr>
<th>BCF fish 1</th>
<th>(no bioaccumulation)</th>
</tr>
</thead>
</table>

Urea (57-13-6)

<table>
<thead>
<tr>
<th>BCF fish 1</th>
<th>&lt; 10</th>
</tr>
</thead>
</table>

Log Pow
-1.59 (at 25 ºC)

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Other information: Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations: Dispose of contents/container in accordance with local, regional, national, 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

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

In accordance with ADR / RID / IMDG / IATA / ADN

<table>
<thead>
<tr>
<th>ADR</th>
<th>IMDG</th>
<th>IATA</th>
<th>ADN</th>
<th>RID</th>
</tr>
</thead>
</table>

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Not applicable | Not applicable | Not applicable | Not applicable | Not applicable

14.3. Transport hazard class(es)

Not applicable | Not applicable | Not applicable | Not applicable | Not applicable

14.4. Packing group

Not applicable | Not applicable | Not applicable | Not applicable | Not applicable

14.5. Environmental hazards

Dangerous for the environment: No
Marine pollutant: No

14.6. Special precautions for user

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

SECTION 15: Regulatory information
Sweat Control

Safety Data Sheet

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

<table>
<thead>
<tr>
<th>Substance</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone</td>
<td>Contains no substance on the REACH candidate list</td>
</tr>
<tr>
<td>Sodium chloride (7647-14-5)</td>
<td>Contains no REACH Annex XIV substances</td>
</tr>
<tr>
<td>Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)</td>
<td></td>
</tr>
<tr>
<td>Potassium chloride (7447-40-7)</td>
<td></td>
</tr>
<tr>
<td>Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)</td>
<td></td>
</tr>
<tr>
<td>Urea (57-13-6)</td>
<td></td>
</tr>
<tr>
<td>Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)</td>
<td></td>
</tr>
</tbody>
</table>

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Date of Preparation or Latest Revision: 15/05/2017
Data sources: Information and data obtained and used in the authoring of this safety data sheet could come from database subscriptions, official government regulatory body websites, product/ingredient manufacturer or supplier specific information, and/or resources that include substance specific data and classifications according to GHS or their subsequent adoption of GHS.


Full text of H- and EUH-statements:

<table>
<thead>
<tr>
<th>Acute Tox. 3 (Dermal)</th>
<th>Acute toxicity (dermal), Category 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 3 (Inhalation:dust,mist)</td>
<td>Acute toxicity (inhalation:dust,mist) Category 3</td>
</tr>
<tr>
<td>Acute Tox. 3 (Oral)</td>
<td>Acute toxicity (oral), Category 3</td>
</tr>
<tr>
<td>Aquatic Acute 1</td>
<td>Hazardous to the aquatic environment — Acute Hazard, Category 1</td>
</tr>
<tr>
<td>Aquatic Chronic 1</td>
<td>Hazardous to the aquatic environment — Chronic Hazard, Category 1</td>
</tr>
<tr>
<td>Eye Irrit. 2</td>
<td>Serious eye damage/eye irritation, Category 2</td>
</tr>
<tr>
<td>Skin Corr. 1B</td>
<td>Skin corrosion/irritation, Category 1B</td>
</tr>
<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation, Category 2</td>
</tr>
<tr>
<td>Skin Sens. 1</td>
<td>Skin sensitisation, Category 1</td>
</tr>
<tr>
<td>H301</td>
<td>Toxic if swallowed</td>
</tr>
<tr>
<td>H311</td>
<td>Toxic in contact with skin</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>H331</td>
<td>Toxic if inhaled</td>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life</td>
</tr>
<tr>
<td>H410</td>
<td>Very toxic to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

Indication of Changes No additional information available

Abbreviations and Acronyms

ACGIH - American Conference of Governmental Industrial Hygienists
ADN - European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road
MARPOL - International Convention for the Prevention of Pollution
NDS - Najwyższe Dopuszczalne Stezenie
NDSCH - Najwyższe Dopuszczalne Stezenie Chwiliowe
NDSP - Najwyższe Dopuszczalne Stezenie Pulapowe
NOAEL - No-Observed Adverse Effect Level
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.