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

1.1. Product identifier

Product Name: Dropper® A1c Diabetes Control
Product code: 1510-02

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]
Not classified

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

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

EUH-statements: EUH208 - Contains 3(2H)-Isothiazolone, 2-methyl-(2682-20-4). May produce an allergic reaction
EUH210 - Safety data sheet available on request

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

<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>Hemoglobins</td>
<td>(CAS No) 9008-02-0</td>
<td>20</td>
<td>Not classified</td>
</tr>
<tr>
<td>Sodium chloride</td>
<td>(CAS No) 7647-14-5</td>
<td>0,85</td>
<td>Not classified</td>
</tr>
<tr>
<td>3(2H)-Isothiazolone, 2-methyl-</td>
<td>(CAS No) 2682-20-4 (EC no) 231-598-3</td>
<td>0,0152</td>
<td>Acute Tox. 3 (Oral), H301</td>
</tr>
<tr>
<td></td>
<td>220-239-6</td>
<td></td>
<td>Acute Tox. 3 (Dermal), H311</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 3 (Inhalation:dust,mist), H331</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Corr. 1B, H314</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Eye Dam. 1, H318</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Sens. 1A, H317</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>STOT SE 3, H335</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aquatic Acute 1, H400</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: Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/injuries after inhalation: Prolonged exposure may cause irritation.

Symptoms/injuries after skin contact: Prolonged exposure may cause skin irritation.

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.

Hazardous decomposition products in case of fire: Carbon oxides (CO, CO₂).

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Avoid prolonged contact with eyes, skin and clothing. Avoid breathing (vapour, mist, spray).

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: 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. Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material 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.
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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: 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. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

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 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

<table>
<thead>
<tr>
<th>Material</th>
<th>Country</th>
<th>Control parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride (7647-14-5)</td>
<td>Latvia</td>
<td>OEL TWA (mg/m³)</td>
<td>5 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Lithuania</td>
<td>IPRV (mg/m³)</td>
<td>5 mg/m³</td>
</tr>
<tr>
<td>3(2H)-Isothiazolone, 2-methyl- (2682-20-4)</td>
<td>Austria</td>
<td>MAK (mg/m³)</td>
<td>0,05 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Austria</td>
<td>OEL chemical category (AT)</td>
<td>Skin notation, Skin sensitizer</td>
</tr>
<tr>
<td></td>
<td>Switzerland</td>
<td>VME (mg/m³)</td>
<td>0,2 mg/m³ (inhalable dust)</td>
</tr>
<tr>
<td></td>
<td>Switzerland</td>
<td>OEL chemical category (CH)</td>
<td>Sensitizer</td>
</tr>
</tbody>
</table>

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: Chemically resistant materials and fabrics.
Hand protection: Wear protective gloves.
Eye protection: Chemical safety goggles.
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.

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>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Opaque. Red.</td>
</tr>
<tr>
<td>Odour</td>
<td>Odourless</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>6,6</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
</tbody>
</table>
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: Not applicable

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.

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

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity: Not classified

Sodium chloride (7647-14-5)
LD50 oral rat: 3 g/kg
LC50 inhalation rat (mg/l): > 42 g/m³ (Exposure time: 1 h)

3(2H)-Isothiazolone, 2-methyl- (2682-20-4)
ATE CLP (oral): 100,00 mg/kg bodyweight
ATE CLP (dermal): 300,00 mg/kg bodyweight
ATE CLP (dust,mist): 0,50 mg/l/4h

Skin corrosion/irritation: Not classified
pH: 6,6
Serious eye damage/irritation: Not classified
pH: 6,6
Respiratory or skin sensitisation: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive toxicity: Not classified
Specific target organ toxicity (single exposure): Not classified
Specific target organ toxicity (repeated exposure): Not classified
Aspiration hazard: Not classified
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Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.
Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation.
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.
Potential adverse human health effects and symptoms: Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity
Ecology - general: Not classified.

Sodium chloride (7647-14-5)

<table>
<thead>
<tr>
<th>Test</th>
<th>Value (mg/l)</th>
<th>Exposure time</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
<td>5560 (5560 - 6080)</td>
<td>96 h</td>
<td>Lepomis macrochirus [flow-through]</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>1000</td>
<td>48 h</td>
<td>Daphnia magna</td>
</tr>
<tr>
<td>LC50 fish 2</td>
<td>12946</td>
<td>96 h</td>
<td>Lepomis macrochirus [static]</td>
</tr>
<tr>
<td>EC50 Daphnia 2</td>
<td>340,7 (340,7 - 469,2)</td>
<td>48 h</td>
<td>Daphnia magna [Static]</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability
Dropper® A1c Diabetes Control
Persistence and degradability: Not established.

12.3. Bioaccumulative potential
Dropper® A1c Diabetes Control
Bioaccumulative potential: Not established.

Sodium chloride (7647-14-5)

<table>
<thead>
<tr>
<th>Test</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCF fish 1</td>
<td>(no bioaccumulation)</td>
</tr>
</tbody>
</table>

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
Product/Packaging disposal: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.
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>
<tbody>
<tr>
<td>14.1. UN number</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not regulated for transport</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| 14.2. UN proper shipping name | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable |

| 14.3. Transport hazard class(es) | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable |

| 14.4. Packing group | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable |
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<table>
<thead>
<tr>
<th>ADR</th>
<th>IMDG</th>
<th>IATA</th>
<th>ADN</th>
<th>RID</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.5. Environmental hazards</td>
<td>Dangerous for the environment : No</td>
<td>Dangerous for the environment : No</td>
<td>Dangerous for the environment : No</td>
<td>Dangerous for the environment : No</td>
</tr>
</tbody>
</table>

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

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

15.1.1. EU-Regulations
Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

Sodium chloride (7647-14-5)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

3(2H)-Isothiazolone, 2-methyl- (2682-20-4)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

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 : 09/03/2017
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>Eye Dam. 1</td>
<td>Serious eye damage/eye irritation, Category 1</td>
</tr>
<tr>
<td>Skin Corr. 1B</td>
<td>Skin corrosion/irritation, Category 1B</td>
</tr>
<tr>
<td>Skin Sens. 1A</td>
<td>Sensitisation — Skin, category 1A</td>
</tr>
<tr>
<td>STOT SE 3</td>
<td>Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation</td>
</tr>
</tbody>
</table>

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 |
H335 | May cause respiratory irritation |
H400 | Very toxic to aquatic life |
EUH208 | Contains . May produce an allergic reaction |
EUH210 | Safety data sheet available on request |
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**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 Road
- ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road
- BEI - Biological Exposure Indices (BEI)
- BOD – Biochemical Oxygen Demand
- CAS No. - Chemical Abstracts Service Number
- CLP – Classification, Labeling and Packaging Regulation (EC) No 1272/2008
- COD – Chemical Oxygen Demand
- EC – European Community
- EEC – European Economic Community
- EINECS – European Inventory of Existing Commercial Chemical Substances
- EmS-No. (Fire) - IMDG Emergency Schedule Fire
- EmS-No. (Spillage) - IMDG Emergency Schedule Spillage
- EN (English)
- EU – European Union
- ErC50 – EC50 in Terms of Reduction Growth Rate
- EINECS – European Inventory of Existing Commercial Chemical Substances
- EEC – European Economic Community
- EINECS – European Inventory of Existing Commercial Chemical Substances
- EU – European Union
- ErC50 – EC50 in Terms of Reduction Growth Rate
- GHS – Globally Harmonized System of Classification and Labeling of Chemicals
- HCB – Chlorinated Biphenyl
- IARC – International Agency for Research on Cancer
- IATA – International Air Transport Association
- IBC Code - International Bulk Chemical Code
- IMDG – International Maritime Dangerous Goods
- IPRV – Irgalakio Poveikio Ribinis Dysdis
- IOELV – Indicative Occupational Exposure Limit Value
- LC50 – Median Lethal Concentration
- LD50 – Median Lethal Dose
- LOAEL – Lowest Observed Adverse Effect Level
- LOEC – Lowest-Observed-Effect Concentration
- Log Koc – Soil Organic Carbon-water Partitioning Coefficient
- Log Kow - Octanol/water Partition Coefficient
- Log Pow – Ratio of the equilibrium concentration (C) of a dissolved substance in a two-phase system consisting of two largely immiscible solvents, in this case octanol and water
- MAK – Maximum Workplace Concentration/Maximum Permissible Concentration
- MARPOL – International Convention for the Prevention of Pollution
- NDS - Najwyższe Dopuszczalne Stezenie
- NDSCh - Najwyższe Dopuszczalne Stezenie Chwilowe
- NDSP - Najwyższe Dopuszczalne Stezenie Pulapowe
- NOAEL - No-Observed Adverse Effect Level
- NOEC - No-Observed Effect Concentration
- NRD - Nevirsytinas Ribinis Dysdis
- NTP – National Toxicology Program
- OEL - Occupational Exposure Limits
- PBT - Persistent, Bioaccumulative and Toxic
- PEI – Permissible Exposure Limit
- pH – Potential Hydrogen
- REACH – Registration, Evaluation, Authorisation, and Restriction of Chemicals
- RID – Regulations Concerning the International Carriage of Dangerous Goods by Rail
- SAADT – Self Accelerating Decomposition Temperature
- SDS - Safety Data Sheet
- STEL – Short Term Exposure Limit
- TA-Luft - Technische Anleitung zur Reinhaltung der Luft
- TEL TRK – Technical Guidance Concentrations
- TLM – Median Tolerance Limit
- TLV - Threshold Limit Value
- TPRD - Trumpalaikio Poveikio Ribinis Dysdis
- TRGS – Technische Regel für Gefahrstoffe
- VME – Valeur Limite De Moyenne Exposition
- vPvB – Very Persistent and Very Bioaccumulative
- WEL – Workplace Exposure Limit
- WGK - Wassergefährdungsklasse

EU GHS SDS

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.