SAFETY DATA SHEET
BaseScope™ Green-B
According to Regulation (EC) No 1907/2006

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

1.1 Product Identifier
   Product Name: BaseScope™ Green-B
   Product No: 323824

1.2 Relevant identified uses of the substance or mixture and uses advised against
   Identified uses: For Research Use Only. Not for diagnostic use.

1.3 Details of the supplier of the safety data sheet
   Supplier: Advanced Cell Diagnostics
   7707 Gateway Blvd.
   Newark, CA 94560
   Tel: (510) 576-8800

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
   Classification (EC 1272/2008)
   Physical and Chemical: Acute Tox. 3, Acute Tox. 3, Acute Tox. 3
   Human health: Skin Corr. 1B, Skin Sens. 1 (H314, H317)
   Environment: Aquatic Acute 1, Aquatic Chronic 1

   Classification (1999/45/EEC): Not classified

   The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

2.2 Label elements
   Contains: Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2
             methy-2H isothiazol-3-one [EC no. 220-239-6] (3:1)

   Label In Accordance with (EC) No. 1272/2008

   Signal word: Warning
   Hazard statements: H317 May cause allergic skin reaction
   Precautionary Statements: P261 Avoid breathing dust/fume/gas/mist/vapors/spray
                             P272 Contaminated work clothing should not be allowed out of the
                             workplace.
                             P280 Wear protective gloves/protective clothing/eye protection/face
                             protection.
                             P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
                             P333 + P313 If skin irritation or rash occurs, get medical advice/attention.
                             P363 Wash contaminated clothing before reuse.

2.3 Other Hazards
   No risks worthy of mention.
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

<table>
<thead>
<tr>
<th>CAS-No: 55965-84-9</th>
<th>EC No.: 613-167-00-5</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Classification (EC 1272/2008)</th>
<th>Classification (67/548/EEC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 3</td>
<td>H331</td>
</tr>
<tr>
<td>Acute Tox. 3</td>
<td>H311</td>
</tr>
<tr>
<td>Acute Tox. 3</td>
<td>H301</td>
</tr>
<tr>
<td>Skin Corr. 1B</td>
<td>H314</td>
</tr>
<tr>
<td>Skin Sens. 1</td>
<td>H317</td>
</tr>
<tr>
<td>Aquatic Acute 1</td>
<td>H400</td>
</tr>
<tr>
<td>Aquatic Chronic 1</td>
<td>H410</td>
</tr>
</tbody>
</table>

Mixtures of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methy-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) < 20 %

The full text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID AND MEASURES

General information
Remove contaminated clothing immediately and dispose of safely. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). First aider: Pay attention to self-protection!

4.1 Description of first aid measures

Inhalation
Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.

Ingestion
Rinse mouth immediately and drink plenty of water.

Skin Contact
If ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Call physician immediately.

Eye Contact
Rinse immediately with plenty of water and seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed
No risks worthy of mention. Please observe the information on the safety data sheet at all times.

4.3 Indication of any immediate medical attention and special treatment needed.
No special measures are necessary.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media
Extinguishing materials should be selected according to the surrounding area.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products
The product itself does not burn.

5.3 Advice for fire fighters

Special Fire Fighting Procedures
Wear a self-contained breathing apparatus and chemical protective clothing. Full protective suit. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

6.2 Environmental Precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4 Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.
SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling
   Avoid contact with skin, eyes and clothes. Handle and open container with care.

   Precautions for protection against fire and explosion
   Keep away from sources of ignition. No smoking. Take measures against static discharge. Vapours may form explosive mixtures with air.

7.2 Conditions for safe storage, including any incompatibilities
   Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only
   Provide adequate ventilation as well as local exhaustion at critical locations. Keep in a cool, well-ventilated place.

   Storage compatibility
   Do not store together with: material, rich in oxygen, oxidizing. Keep only in the original container in a cool well-ventilated place.
   Store tightly closed, in the original vessel at temperatures between 2 – 8 °C.

7.3 Specific end user(s)
   This product is intended for professional use.

SECTION 8: EXPOSURE CONTROLS/PERS       

8.1 Control Parameters

   Exposure limits (EH40)

<table>
<thead>
<tr>
<th>Name</th>
<th>STD</th>
<th>TWA 8 Hrs</th>
<th>STEL – 15 min</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerol, mist</td>
<td></td>
<td>10 mg/mL</td>
<td></td>
<td>WEL</td>
</tr>
</tbody>
</table>

   WEL = Workplace Exposure Limits

8.2 Exposure controls
   Protective equipment

   Respiratory Equipment
   Provide fresh air.

   Hand Protection
   Wear suitable gloves.

   Eye Protection
   Tightly sealed safety glasses

   Other Protection
   Wear suitable protective clothing.

   Hygiene measures
   Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using, do not eat or drink.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

   Appearance   Liquid
   Colour       Colourless
   Odour        Odourless

9.2 Other information
   Not determined

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity
   Product has not been tested.

10.2 Chemical stability
   If stored correctly, the product is stable at least until the expiry date printed on the label.

10.3 Possibility of hazardous reactions
   Product has not been tested.

10.4 Conditions to avoid
   Non-normal temperature conditions
10.5 Incompatible Materials
Product has not been tested.

10.6 Hazardous decomposition products
Product was not tested.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Exposure routes</th>
<th>Method</th>
<th>Dose</th>
<th>Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2 methy-2H isothiazol-3-one [EC no. 220-239-6] (3:1)</td>
<td>oral</td>
<td>LD50</td>
<td>862 mg/kg</td>
<td>Rat</td>
<td></td>
</tr>
<tr>
<td></td>
<td>dermal</td>
<td>LD50</td>
<td>2800 mg/kg</td>
<td>Rabbit</td>
<td></td>
</tr>
<tr>
<td></td>
<td>inhalative (4 h)</td>
<td>ATE</td>
<td>3 mg/L</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>inhalative aerosol</td>
<td>ATE</td>
<td>0.5 mg/L</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Additional information on tests
May cause sensitization by skin contact
The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC)

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity
No information available

12.2 Persistence and degradability
Degradability
No data available

12.3 Bio accumulative potential
Bioaccumulative potential
No data available

12.4 Mobility in soil
Mobility
No data available
Surface Tension
No data available

12.5 Results of PBT and vPvB assessment
Not applicable

12.6 Other adverse effects
Do not allow to enter into surface water or drains. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC)

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Disposal should be in accordance with applicable national, state and local regulations. Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: TRANSPORT INFORMATION

14.1 UN Number
Not applicable

14.2 UN proper shipping name
Not applicable

14.3 Transport hazard class(es)
Not applicable

14.4 Environmental hazards
Environmentally Hazardous Substance/Marine Pollutant
Dangerous for the environment

14.6 Special precautions for user
No dangerous good in sense of these transport regulations.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
No dangerous good in sense of these transport regulations
SECTION 15: REGULATORY INFORMATION

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

Environmental Listing

National regulatory information

Water contaminating class (D): 3-highly water contaminating

SECTION 16: OTHER INFORMATION

<table>
<thead>
<tr>
<th>SDS No.</th>
<th>Version 01</th>
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<tbody>
<tr>
<td>Date</td>
<td>June 2015</td>
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</table>

Risk Phrases in Full

R23/24/25 Toxic by inhalation, in contact with skin and swallowed
R34-43 Causes skin irritation and sensitivity
R 50-53 Very toxic to aquatic life with long lasting effects.

Hazard Statements in Full

H331 Toxic if inhaled
H317 Toxic in contact with skin
H314 Causes severe skin burns and eye damage
H311 Toxic in contact with skin
H301 Toxic if swallowed
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting affects

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company’s knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user’s responsibility to satisfy himself as to the suitability of such information for his own particular us