1. Identification

Product identifier: antibody coated microwells

Other means of identification

Product code: 602

Recommended use: Use in accordance with supplier's recommendations.

Recommended restrictions: Not available.

Manufacturer/Importer/Supplier/Distributor information

Corporate Headquarters: BioMedica Diagnostics Inc.
94 Wentworth Road, PO Box 1030
Windsor, Nova Scotia  CANADA  B0N 2T0

Contact person: Corporate Phone: 1-902-798-5105
Corporate Fax: 1-902-798-1025

Emergency Telephone Numbers:
US, Canada, Puerto Rico & Virgin Islands 1-800-255-3924
International +1-813-248-0585
Australia 1-300-954-583
Brazil 0-800-591-6042
China 400-120-0751
India 000-800-100-4086
Mexico 01-800-099-0731

Contract number: MIS9591327

2. Hazard(s) identification

Physical hazards: Not classified.

Health hazards: Not classified.

OSHA defined hazards: Not classified.

Label elements

- Hazard symbol: None.
- Signal word: None.
- Hazard statement: None.
- Precautionary statement
  - Prevention: Observe good laboratory hygiene practices.
  - Response: Wash with plenty of water.
  - Storage: Store away from incompatible materials.
  - Disposal: Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) not otherwise classified (HNOC): None known.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Styrene, oligomers</td>
<td>9003-53-6</td>
<td>&gt; 98</td>
</tr>
<tr>
<td>Amorphous silica</td>
<td>112926-00-8</td>
<td>&gt; 1</td>
</tr>
</tbody>
</table>

Composition comments: All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Inhalation: Move to fresh air. If breathing is difficult, give oxygen. Get medical attention if any discomfort continues.

Skin contact: For skin contact flush with large amounts of water while removing contaminated clothing. Get medical attention if irritation develops and persists.
Eye contact
In case of contact, immediately flush eyes with fresh water for at least 15 minutes while holding the eyelids open. Remove contact lenses if worn. Get medical attention if irritation persists.

Ingestion
Rinse mouth thoroughly if dust is ingested. Get medical advice/attention if you feel unwell.

Most important symptoms/effects, acute and delayed
Dust may cause eye, skin and respiratory tract irritation.

Indication of immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically.

General information
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media
Extinguish with water spray, carbon dioxide, dry chemical or material appropriate for the surrounding fire.

Unsuitable extinguishing media
None known.

Specific hazards arising from the chemical
Fire will generate toxic and irritating gases.

Special protective equipment and precautions for firefighters
Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions
Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards
Will burn if involved in a fire.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation. Avoid contact with eyes and prolonged skin contact. Wear suitable protective clothing.

Methods and materials for containment and cleaning up
Avoid dust formation. Sweep or scoop up and remove.

Environmental precautions
Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling
Avoid prolonged exposure. Avoid inhalation of dust and contact with skin and eyes. Observe good laboratory hygiene practices.

Conditions for safe storage, including any incompatibilities
Store at 2 - 8°C. Store in a closed container away from incompatible materials.

8. Exposure controls/personal protection

Occupational exposure limits
US. OSHA Table Z-3 (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amorphous silica (CAS 112926-00-8)</td>
<td>TWA</td>
<td>0.8 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20 mppcf</td>
</tr>
</tbody>
</table>

US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amorphous silica (CAS 112926-00-8)</td>
<td>TWA</td>
<td>6 mg/m³</td>
</tr>
</tbody>
</table>

Biological limit values
No biological exposure limits noted for the ingredient(s).

Exposure guidelines
Follow standard monitoring procedures.

Appropriate engineering controls
No special ventilation requirements.

Individual protection measures, such as personal protective equipment
Eye/face protection
Wear dust-resistant safety goggles.
Skin protection
   Hand protection
   It is a good industrial hygiene practice to minimize skin contact. Chemical resistant gloves are recommended.

   Other
   It is a good industrial hygiene practice to minimize skin contact.

   Respiratory protection
   In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter.

   Thermal hazards
   Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations
   Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

   Appearance
   Physical state: Solid.
   Form: Solid.
   Color: Not available.
   Odor: None.
   Odor threshold: Not applicable.
   pH: Not available.
   Melting point/freezing point: Not available.
   Initial boiling point and boiling range: Not relevant.
   Flash point: Not relevant.
   Evaporation rate: Not available.
   Flammability (solid, gas): Non flammable.

   Upper/lower flammability or explosive limits
   Flammability limit - lower (%): Not available.
   Flammability limit - upper (%): Not available.
   Explosive limit - lower (%): Not available.
   Explosive limit - upper (%): Not available.

   Vapor pressure: Not relevant.
   Vapor density: Not relevant.
   Relative density: Not available.
   Solubility(ies)
   Solubility (water): Not available.
   Partition coefficient (n-octanol/water): Not available.
   Auto-ignition temperature: Not available.
   Decomposition temperature: Not available.
   Viscosity: Not relevant.
   Other information
   Explosive properties: Not relevant.
   Oxidizing properties: Not oxidizing.
   Percent volatile: Not relevant.

10. Stability and reactivity

   Reactivity: The product is stable and non reactive under normal conditions of storage and transport.
   Chemical stability: Material is stable under normal conditions.
   Possibility of hazardous reactions: Polymerization will not occur.
   Conditions to avoid: Keep away from heat.
11. Toxicological information

Information on likely routes of exposure

**Inhalation**
Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

**Skin contact**
Under normal conditions of intended use, this material does not pose a skin hazard.

**Eye contact**
Under normal conditions of intended use, this material does not pose a eye hazard.

**Ingestion**
Under normal conditions of intended use, this material does not pose a risk to health.

Symptoms related to the physical, chemical and toxicological characteristics
Exposed individuals may experience eye tearing, redness, and discomfort.

Information on toxicological effects

**Acute toxicity**
May cause discomfort if swallowed.

**Skin corrosion/irritation**
Dust may irritate skin.

**Serious eye damage/eye irritation**
Dust may irritate the eyes.

**Respiratory or skin sensitization**

**Respiratory sensitization**
Not classified.

**Skin sensitization**
Not classified.

**Germ cell mutagenicity**
Not classified.

**Carcinogenicity**
Not classified.

IARC Monographs. Overall Evaluation of Carcinogenicity

- Amorphous silica (CAS 112926-00-8) 3 Not classifiable as to carcinogenicity to humans.
- Styrene, oligomers (CAS 9003-53-6) 3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

**Reproductive toxicity**
Not classified.

**Specific target organ toxicity - single exposure**
Not classified.

**Specific target organ toxicity - repeated exposure**
Not classified.

**Aspiration hazard**
Not classified.

12. Ecological information

**Ecotoxicity**
No ecotoxicity data noted for the ingredient(s).

**Persistence and degradability**
No data available.

**Bioaccumulative potential**
No data available.

**Mobility in soil**
Not available.

**Mobility in general**
The product is soluble in water.

**Other adverse effects**
No data available.

13. Disposal considerations

**Disposal instructions**
Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contaminated instruments and surfaces should be disinfected in accordance with your employer's chemical-specific and universal/standard precautions.

**Hazardous waste code**
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products**
Dispose in accordance with all applicable regulations.

**Contaminated packaging**
Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

**DOT**
Not regulated as dangerous goods.
IATA
Not regulated as dangerous goods.

IMDG
Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable.

15. Regulatory information

US federal regulations
This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)
Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312 Hazardous chemical
No

SARA 313 (TRI reporting)
Not regulated.

Other federal regulations
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Safe Drinking Water Act (SDWA)
Not regulated.

US state regulations
This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US. Massachusetts RTK - Substance List
Amorphous silica (CAS 112926-00-8)

US. New Jersey Worker and Community Right-to-Know Act
Amorphous silica (CAS 112926-00-8)

US. Pennsylvania Worker and Community Right-to-Know Law
Not listed.

US. Rhode Island RTK
Not regulated.

US. California Proposition 65
Not Listed.

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Country(s) or region</td>
<td>Inventory name</td>
<td>On inventory (yes/no)*</td>
</tr>
<tr>
<td>----------------------------</td>
<td>--------------------------------------------------------------------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date: 01-December-2017  
Revision date: 04-August-2017  
Version #: 02

NFPA ratings:  
1  0  0  0

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