MATERIAL SAFETY DATA SHEET

Section 1. Company Identification and Product Information

<table>
<thead>
<tr>
<th>Product Name or Identity:</th>
<th>Reveal® 2.0 Salmonella Test System</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer’s Name:</td>
<td>Neogen Corporation</td>
</tr>
<tr>
<td>Emergency Phone No.:</td>
<td>517/372-9200</td>
</tr>
<tr>
<td>Fax No.:</td>
<td>517/372-0108</td>
</tr>
<tr>
<td>e-mail:</td>
<td><a href="mailto:foodsafety@neogen.com">foodsafety@neogen.com</a></td>
</tr>
<tr>
<td>Date Prepared or Revised:</td>
<td>March 2014</td>
</tr>
<tr>
<td>Chemtrec:</td>
<td>(800) 424-9300</td>
</tr>
<tr>
<td>Outside US and Canada:</td>
<td>(703) 527-3887</td>
</tr>
<tr>
<td>620 Lesher Place, Lansing, MI 48912</td>
<td></td>
</tr>
</tbody>
</table>

Section 2. Composition / Information on Hazardous Ingredients

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>Specific Chemical Identity</th>
<th>CAS-No.</th>
<th>%</th>
<th>Hazard Symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>This product contains no hazardous constituents, or the concentration of all chemical constituents are below the regulatory threshold limits described by Occupational Safety Health Administration Hazard Communication Standard 29 CFR 1910.1200, the Canada’s Workplace Hazardous Materials Information System (WHMIS) and the European Directive 91/155/EEC, and 93/112/EC.</td>
<td></td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Section 3. Health Hazard Identification

Health Hazards:  (Acute and Chronic)

Information pertaining to particular dangers for man and environment. When used and handled according to specifications, the product does not have harmful effects according to the information provided to us.

Section 4. First Aid Measures

<table>
<thead>
<tr>
<th>Emergency / First Aid Procedures:</th>
<th>Ingestion: If swallowed, seek medical attention.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Inhalation: Seek medical attention if breathing becomes difficult or labored.</td>
</tr>
<tr>
<td></td>
<td>Eye Contact: Rinse opened eye for at least 15 minutes under running water, lifting lower and upper eyelids occasionally. Seek medical attention if irritation develops.</td>
</tr>
<tr>
<td></td>
<td>Skin Contact: Seek medical attention if irritation develops. Wash clothing before reuse.</td>
</tr>
</tbody>
</table>

Section 5. Fire and Explosion Hazard Data

Flash Point  (Method Used): N/A  Flammable Limits: LEL – N/A,UEL – N/A

Extinguishing Media: Use alcohol foam, dry chemical, or carbon dioxide. Water may be ineffective.

Protective Equipment: Firefighters should wear protective equipment and self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Not determined.

Section 6. Accidental Release Measures

Personal Precautions: Wear suitable protective clothing, gloves, and eye protection. Place contaminated material in a chemical waste container.

Environmental Precautions: Prevent dispersion of material. Wipe up with damp sponge or mop.

Clean-up Methods: Contact safety officer if questions arise and ventilate area.

Section 7. Handling and Storage

Handling: Ensure good ventilation / exhaustion. Avoid contact with eyes, skin, and clothing.

Storage: Storage area should be cool, dry, and away from incompatible materials at 18 - 30 °C.

Other Precautions: No special precautions known.
Section 8. Exposure Controls / Personal Protection

Components with limit values that require monitoring: N/A

OSHA–PEL: N/A  ACGIH-TLV: N/A

Additional Information: Personal Protection listed below are general requirements for laboratory personnel. Follow the usual precautionary measures for handling chemicals / powder. Avoid contact with eyes, skin, and clothing.

Personal Protective Equipment:
Keep away from food, beverages, and feed.
Wash hands before and after entering laboratory.

Breathing Equipment: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Hand Protection: Use chemical resistant gloves.

Eye Protection: Wear safety glasses.

Body Protection: Wear lab coat or other protective work clothing.

Section 9. Physical and Chemical Properties

Appearance and Odor: Not determined
Boiling Point: Not determined
Melting Point: Not determined
Density: Not determined
pH: Not determined

Section 10. Stability and Reactivity

Stability: Unstable  
Stable  X  Conditions to Avoid: Avoid excess heat. Stable under normal storage conditions and use.

Incompatibility (Materials to Avoid): N/A

Hazardous Decomposition or Byproducts: N/A

Hazardous Polymerization: May Occur  Conditions to Avoid: Heat  
Will Not Occur  X

Section 11. Toxicological Information

LD/LC50 values that are relevant: N/A

Carcinogenicity Classification:
IARC (International Agency for Research on Cancer) - Not Applicable
NTP (National Toxicology Program) - Not Applicable

Irritant: No irritating effects known.
Sensitization: No sensitizing effects known.
Acute / Chronic Effects: No irritating effects known.

Section 12. Ecological Information

Ecotoxicity Tests: Not determined.
Section 13. Disposal Considerations

**Waste Disposal Method:** Dispose in accordance with all applicable federal (40 CFR 261.3), state, and local environmental regulations and European Waste catalogue, 94/3/CE and 75/442/CE.

**RCRA P-Series:** None listed.

**RCRA U-Series:** None listed.

Contact a licensed professional waste disposal service to dispose of this material if questions arise.

**Container Information:** Do not remove labels from containers until they have been cleaned.

Section 14. Transport Information

**DOT Regulations:**
Not Regulated for Transport

**Land Transport ADR/RID (cross-border):**
Not Regulated for Transport

**Maritime Transport IMDG:**
Not Regulated for Transport

**Marine Pollutant:** No

**Air Transport ICAO-TI and IATA-DGR:**
Not Regulated for Transport

Section 15. Regulatory Information

**EU Regulations, Hazard Symbol(s):** N/A

**Risk Phrases:**
N/A

**Safety Phrases:**
N/A

Section 16. Other Information

This document is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Neogen Corporation shall not be held liable for any damage resulting from handling or from contact with the above product. These suggestions should not be confused with state, municipal or insurance requirements, and constitute NO WARRANTY.