Kit SDS Cover Sheet

Product Name: Reveal® 2.0 for *Listeria*, One-Step System for Environmental Samples
Item No(s): 9806

This is a test kit that is comprised of several individual components, listed below, each of which may have its own Safety Data Sheet (SDS). If a component does not have a Safety Data Sheet included, the item falls under Hazard Communication [1910.1200(b)(6)], Articles, and does not require a Safety Data Sheet.

Kit Components:
1. Media pouches for environmental samples
2. Lateral Flow Devices

For further information, please contact your Neogen Corporation Representative.
SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: LESS Medium
Product code: 9792E, 9790

1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use: [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC21] Laboratory chemicals;
Description: Intended for laboratory use only.

1.3. Details of the supplier of the safety data sheet

Company: Neogen Corporation
Address: 620 Lesher Place
Lansing MI 48912
USA
Web: www.neogen.com
Telephone: 517-372-9200/800-234-5333
Email: regulatorysupport@neogen.com

1.4. Emergency telephone number

Emergency telephone number: 1-800-234-5333

Further information

Hotline(s): Medical: United States (1-800-498-5743), International (1-651-523-0318).
Spill/CHEMTREC: United States (1-800-424-9300), International (1-703-527-3887).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - GHS
Skin Irrit. 2: H315; Eye Irrit. 2: H319;

2.2. Label elements

Hazard pictograms

Signal Word: Warning
Hazard Statement: Skin Irrit. 2: H315 - Causes skin irritation.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Precautionary Statement: Prevention
P264 - Wash thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
LESS Medium

2.2. Label elements

Precautionary Statement: Response
P302+P352 - IF ON SKIN: Wash with plenty of water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Index No.</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>REACH Registration Number</th>
<th>Conc. (%w/w)</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acid Hydrolysed Casein</td>
<td>65072-00-6</td>
<td>265-363-1</td>
<td></td>
<td></td>
<td>1 - 10%</td>
<td>EUH209A;</td>
</tr>
<tr>
<td>3-Morpholinopropanesulfonic acid</td>
<td>1132-61-2</td>
<td>214-478-5</td>
<td></td>
<td></td>
<td>10 - 20%</td>
<td>Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;</td>
</tr>
<tr>
<td>Pancreatic digest of casein</td>
<td>65072-00-6</td>
<td>265-363-1</td>
<td></td>
<td></td>
<td>1 - 10%</td>
<td>EUH209A;</td>
</tr>
</tbody>
</table>

Further information

The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation
Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.

Eye contact
Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Skin contact
Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Ingestion
Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING unless advised to do so by a doctor.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture
Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters
Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation of the working area. Wear suitable protective equipment.

6.2. Environmental precautions
Prevent further spillage if safe. Do not flush into surface water. Do not let product contaminate subsoil.

6.3. Methods and material for containment and cleaning up
LESS Medium

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

See section 2, 8, and 13 for further information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

7.3. Specific end use(s)

See section 1.2 for further information.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

Appropriate engineering controls

Ensure adequate ventilation of the working area.

Individual protection measures

Wear chemical protective clothing.

Eye / face protection

Use as appropriate: Suitable eye protection.

Skin protection - Hand protection

Chemical resistant gloves (PVC).

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
LESS Medium

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>State</td>
<td>Powder</td>
</tr>
<tr>
<td>Color</td>
<td>Beige/Light brown</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No data available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in water</td>
</tr>
</tbody>
</table>

9.2. Other information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC (Volatile organic compounds)</td>
<td>0 g/l</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Keep away from sources of ignition - No smoking.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Carbon oxides.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Property</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>May be harmful if swallowed.</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>May cause allergic reactions in susceptible people.</td>
</tr>
</tbody>
</table>
LESS Medium

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Germ cell mutagenicity</th>
<th>No mutagenic effects reported.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reproductive toxicity</td>
<td>No teratogenic effects reported.</td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>May cause irritation to respiratory system.</td>
</tr>
<tr>
<td>Repeated or prolonged exposure</td>
<td>Avoid prolonged or repeated exposure.</td>
</tr>
</tbody>
</table>

11.1.4. Toxicological information

LESS Medium

SECTION 12: Ecological information

12.1. Toxicity

| LESS Medium | Oral Rat LD50: 1098 |

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations.

General information

Dispose of in compliance with all local and national regulations. Do not contaminate water by cleaning of equipment or disposal of wastes.

Disposal of packaging

Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

SECTION 14: Transport information

14.1. UN number

The product is not classified as dangerous for carriage.

14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

No data available.
14.5. Environmental hazards
The product is not classified as dangerous for carriage.

14.6. Special precautions for user
The product is not classified as dangerous for carriage.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
The product is not classified as dangerous for carriage.

Further information
The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

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

All chemicals in this product are TSCA listed or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory. TSCA - United States Toxic Substances Control Act Section 8(b) Inventory.

US State Regulations:
New Jersey Right-to-Know Hazardous Substance List:
This material contains no reportable components.

Pennsylvania Right-to-Know Hazardous Substance List:
This material contains no reportable components.

Rhode Island Right-to-Know Hazardous Substance List: This material contains no reportable components.

California Prop 65:
WARNING: Cancer - www.P65Warnings.ca.gov.
WARNING: Reproductive effects - www.P65Warnings.ca.gov.

SECTION 16: Other information

Other information

Text of Hazard Statements in Section 3
EUH209A - Can become flammable in use.
Skin Irrit. 2: H315 - Causes skin irritation.
Eye Irrit. 2: H319 - Causes serious eye irritation.
STOT SE 3: H335 - May cause respiratory irritation.

Maximum content of VOC
0 g/l.

Further information
DISCLAIMER: The information and recommendations set forth herein ("Information") are presented in good faith and believed to be correct as of the date issued. No representation is made regarding the completeness or accuracy of the Information. Further, because of the many factors that affect the use of this product, the Information is supplied upon the condition that the person(s) receiving it will make their own determination regarding its suitability for their own unique purpose(s), prior to use.

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<table>
<thead>
<tr>
<th>Further information</th>
</tr>
</thead>
<tbody>
<tr>
<td>WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, USAGE OF TRADE, OR RESULTS TO BE OBTAINED BY USE OF THIS PRODUCT are made with respect to this product or use of this product. The product covered is furnished &quot;as is&quot; and only subject to the warranties herein provided, no liability is assumed resulting from the use of this product.</td>
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