

## MATERIAL SAFETY DATA SHEET

Section 1. Identification of the Product	
<b>Product Name or Identity:</b>	Reveal® 3-D Mustard Test
<b>Manufacturer's Name:</b>	<b>Date Prepared or Revised:</b> March 2012
<b>Neogen Corporation</b>	<b>Neogen Europe, Ltd.</b>
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Section 2. Composition / Information on Hazardous Ingredients			
Hazardous Components	CAS-No.	%	Hazard Symbol
Specific Chemical Identity:			
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 and the European Directive 91/155/EEC, and 93/112/EC.	N/A	N/A	N/A

Section 3. Health Hazard Identification	
<b>Health Hazards:</b> <i>(Acute and Chronic)</i>	<b>Information pertaining to particular dangers for man and environment.</b> No irritating effect. When used and handled according to specifications, the product does not have harmful effects according to the information provided to us. May cause minor irritation of the eyes and skin of sensitive individuals.

Section 4. First Aid Measures	
<b>Emergency / First Aid Procedures:</b>	<b>General Information:</b> No special measures required.
	<b>Ingestion:</b> If swallowed, seek medical attention if symptoms occur.
	<b>Inhalation:</b> If inhaled, supply fresh air or oxygen. Seek medical attention if breathing becomes labored or difficult.
	<b>Eye Contact:</b> Rinse opened eye for at least 15 minutes under running water, lifting lower and upper eyelids occasionally. Seek medical attention if irritation develops.

Section 5. Fire and Explosion Hazard Data	
<b>Flash Point</b> (Method Used): N/A	<b>Flammable Limits:</b> N/A
<b>Extinguishing Media:</b> Use CO <sub>2</sub> , ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam.	
<b>Protective Equipment:</b> No special measures required.	
<b>Unusual Fire and Explosion Hazards:</b> No special measures required.	

Section 6. Accidental Release Measures
<b>Personal Precautions:</b> Not required.
<b>Environmental Precautions:</b> Prevent dispersion of material. Wipe up with damp sponge or mop.
<b>Clean-up Methods:</b> No special measures required.

### Section 7. Handling and Storage

**Handling:** Protect against physical damage. Ensure good ventilation / exhaustion.

**Storage:** Requirements to be met by storerooms and receptacles: 2 - 8°C.

Do not store together with oxidizing agents. Store in cool, dry conditions in well sealed containers.

**Other Precautions:** No special measures required.

### Section 8. Exposure Controls / Personal Protection

**Components with limit values that require monitoring:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**OSHA-PEL:** N/A

**REL:** N/A

**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:** In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respiratory.

**Hand Protection:** Use chemical resistant gloves.

**Eye Protection:** Wear safety glasses and goggles.

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

### Section 9. Physical and Chemical Properties

**Appearance:** N/A

**Boiling Point:** N/A

**Specific Gravity:** N/A

**Vapor Pressure (mm Hg.):** N/A

**Melting Point:** N/A

**Vapor Density (AIR = 1):** N/A

**Evaporation Rate (Butyl Acetate = 1):** N/A

### Section 10. Stability and Reactivity

**Stability:**

Unstable

Stable

X

Conditions to Avoid: No decomposition if used according to specifications.

**Incompatibility (Materials to Avoid):** None known.

**Hazardous Decomposition or Byproducts:** No dangerous decomposition products known.

**Hazardous Polymerization:**

May Occur

Will Not Occur

X

No dangerous reactions known.

### Section 11. Toxicological Information

**LD/LC50 values that are relevant:**

**LD<sub>50</sub>:** N/A

**Carcinogenicity Classification:**

**IARC (International Agency for Research on Cancer)** - Not listed

**NTP (National Toxicology Program)** - Not listed

**Irritant:** No irritating effect.

**Sensitization:** No sensitizing effects known.

**Subacute to chronic toxicity:** None.

**Additional toxicological information:** None.

**Section 12. Ecological Information****Ecotoxicity Tests:**

Not known to be hazardous to water. The ecological effects have not been thoroughly investigated, but currently none have been identified.

**Section 13. Disposal Information**

**Waste Disposal Method:** Dispose in accordance with all applicable federal (40 CFR 261.3), state, and local environmental regulations. Smaller quantities can be disposed of with solid waste.

RCRA Hazardous Waste – No

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

**Land Transport ADR/RID (cross-border):**

Not Regulated

**Maritime Transport IMDG:**

Not Regulated

**Marine Pollutant:** No

**Air Transport ICAO-TI and IATA-DGR:**

Not Regulated

**Section 15. Regulatory Information****EU Regulations, Hazard Symbol(s):**

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.