SECTION 1 Identification of the substance/mixture and of the company

1.1 Product identifier(s)

<table>
<thead>
<tr>
<th>Product Part Number</th>
<th>Product Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>8377</td>
<td>DON Check Sample, High, 10 g</td>
</tr>
<tr>
<td>8376</td>
<td>DON Check Sample, Low, 10 g</td>
</tr>
<tr>
<td>8393W</td>
<td>DON Wheat MRM, Medium, 1 kg</td>
</tr>
<tr>
<td>8394W</td>
<td>DON Wheat MRM, High, 1 kg</td>
</tr>
<tr>
<td>8398W</td>
<td>DON Wheat MRM, High, 100 g</td>
</tr>
<tr>
<td>8397W</td>
<td>DON Wheat MRM, Medium, 100 g</td>
</tr>
<tr>
<td>8391W</td>
<td>DON Wheat MRM (Mycotoxin Reference Material), NDA, 1 kg</td>
</tr>
<tr>
<td>8395W</td>
<td>DON Wheat MRM (Mycotoxin Reference Material), NDA, 100 g</td>
</tr>
<tr>
<td>8392W</td>
<td>DON Wheat MRM, Low, 1 kg</td>
</tr>
<tr>
<td>8396W</td>
<td>DON Wheat MRM, Low, 100 g</td>
</tr>
<tr>
<td>9460</td>
<td>Proficiency Testing Program for DON</td>
</tr>
</tbody>
</table>

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

- Use of the substance/preparation: For use as a negative or positive control when evaluating Veratox and Q+ diagnostic test kits.
- Use advised against: No information available

1.3 Details of the supplier of the safety data sheet

- Name of Manufacturer: Neogen Corporation
- Address of Manufacturer: 620 Leshier Place
  Lansing, Michigan 48912
  USA
- Telephone: 517/372-9200
- Email: Foodsafety@neogen.com

1.4 Emergency telephone number

- Emergency Telephone: Chemtrec: (800) 424-9300
  Outside USA and Canada: +1 (703) 527-3887

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- Not classified as hazardous for supply

Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]
- Not classified as hazardous for supply

Classification (WHMIS 2015 HPR)
- Not classified as hazardous for supply

Additional information: For full text of Hazard-statements see Section 16.

2.2 Label elements

- Signal Word: None
- Symbols: None
- Hazard phrases
  - None
- Precautionary Phrases
  - Keep container tightly closed.
  - Do not breathe dust.
  - Avoid contact with eyes, skin, or clothing.

2.3 Other hazards

- May be mildly irritating to skin, eyes, and respiratory system.
- May form combustible dust/air mixtures in large quantities.
SECTION 3 Composition/information on ingredients

3.1 Substances
3.2 Mixtures
This product is a mixture of the substances listed below with the addition of non-hazardous materials

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Concentration</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>H-Statements</th>
<th>Symbols</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground Wheat</td>
<td>100%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

SECTION 4 First aid measures

4.1 Description of first aid measures
- General
  In case of doubt, or when symptoms persist, seek medical attention.
  In general, this product is not hazardous to humans or animals, but like any other chemical, it should be treated with care, respect, and common sense.
- Contact with skin
  Remove contaminated clothing.
  Wash affected area with plenty of soap and water.
  If skin irritation or rash occurs: Get medical advice/attention.
  Contaminated clothing should be laundered before reuse.
- Contact with eyes
  If substance has gotten into eyes, rinse with plenty of water for at least 15 minutes.
  Irrigate eyes thoroughly while lifting eyelids.
  Seek medical advice if necessary.
- Ingestion
  Rinse mouth with water (do not swallow).
  Never make an unconscious person vomit or drink fluids.
  If medical advice is needed, have product container or label at hand.
- Inhalation
  If breathing is difficult, remove person to fresh air and keep comfortable for breathing.
  Call a poison center or doctor/physician if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed
- The most important known symptoms are described in the labeling (see Section 2.2) and/or in Section 11.

4.3 Indication of any immediate medical attention and special treatment needed
- Treat symptomatically.

SECTION 5 Fire-fighting measures

5.1 Extinguishing media
- In case of fire: use foam, carbon dioxide or dry agent for extinction.

5.2 Special hazards arising from the substance or mixture
- Smoke from fires is toxic. Take precautions to protect personnel from exposure.
- Decomposition products may include carbon oxides.
- May form explosive dust/air mixtures in large quantities.
  See Section 10.

5.3 Advice for firefighters
- Keep container(s) exposed to fire cool, by spraying with water.
- Wear chemical protection suit and positive-pressure breathing apparatus.
- Wear protective clothing as per Section 8.

5.4 Hazardous Combustion Products
- None known

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
- Shut off all ignition sources and use non-sparking tools.
- Avoid raising dust.
SECTION 6  Accidental release measures (continued)
- Spills should be cleaned up immediately to avoid slip and fall accidents and injuries.
- Wear protective clothing as per Section 8.
- Evacuate personnel not directly involved in spill clean-up.
- Shut off source of leak/release, if safe to do so.
- Shut down and/or remove equipment in spill area, if safe to do so.
- Wash thoroughly after dealing with spillage.

6.2 Environmental Precautions
- Do not allow to enter public sewers and watercourses.
- Avoid releasing to the environment.

6.3 Methods and material for containment and cleaning up
- Sweep up and collect for disposal. Avoid raising dust.
- Place in sealable containers and label them.
- Ventilate the area and wash spill site after material pick-up is complete.
- Dispose of contaminated materials and wastes in accordance with local/national/international regulations.

6.4 Reference to other sections
- See Section 7 for storage. For disposal, see Section 13.

SECTION 7  Handling and storage
7.1 Precautions for safe handling
- Do not breathe dust.
- Avoid contact with skin and eyes.
- Do not eat, drink, smoke, or apply cosmetics when using this product.
- Ensure adequate ventilation.
- Eyewash bottles should be available.
- Wash hands thoroughly after using this substance.

7.2 Conditions for safe storage, including any incompatibilities
- Store at temperatures not exceeding 2-8°C. Keep cool.
- Store in a well-ventilated place. Keep container tightly closed.
- Store in a dry place.
- Keep away from oxidizing substances.

7.3 Specific end use(s)
- For use as a negative or positive control when evaluating Veratox and Q+ diagnostic test kits.

SECTION 8  Exposure controls/personal protection
8.1 Control parameters

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Value</th>
<th>Control Parameters</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grain dust (oat, wheat, barley)</td>
<td>NA</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>USA-OSHA Table Z-1 Limits for Air Contaminants - 1910.1000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>4 mg/m³</td>
<td>USA-NIOSH Recommended Exposure Limits</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>4 mg/m³</td>
<td>(TLV)</td>
</tr>
</tbody>
</table>

8.2 Exposure controls
- Eyewash bottles should be available.
- No respiratory protection is needed if ventilation/extraction is adequate, otherwise wear approved dust mask, NIOSH N95 (US) or type FFP1 (EN143) dust masks.
- Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.
- Wear safety glasses approved to standard for ANSI Z87 or EN 166.
- Wear suitable protective clothing in accordance with good chemical hygiene practices.
SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties
- Appearance: Homogenous, fine-sized particles, may clump together, off-white to grey
- Odor: No information available
- pH: No information available
- Melting Point/Range: No information available
- Boiling Point/Range: Not applicable
- Flashpoint: No information available
- Evaporation Rate: Not applicable
- Flammability: No information available
- Vapor Pressure: No information available
- Vapor Density: No information available
- Specific Gravity: No information available
- Solubility in water: No information available
- Partition Coefficient (n-Octanol/Water): No information available
- Autoignition Temperature: Product is not self-igniting
- Viscosity: Product is fine-sized particles
- Explosive Properties: Product does not present an explosion hazard
- Oxidizing Properties: Product is not classified as an oxidizer

9.2 Other information
- May form combustible dust/air mixtures in large quantities.

SECTION 10 Stability and reactivity

10.1 Reactivity
- No information available

10.2 Chemical stability
- Considered stable under normal conditions.

10.3 Possibility of hazardous reactions
- No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid
- Avoid contact with moisture.

10.5 Incompatible materials
- None known

10.6 Hazardous Decomposition Products
- None known

SECTION 11 Toxicological information

11.1 Information on toxicological effects
- No experimental test data available for the mixture
- Contact with skin
  May cause redness and irritation in sensitive individuals.
  Based on available data, the classification criteria are not met.
- Contact with eyes
  May cause redness and irritation in sensitive individuals.
  Based on available data, the classification criteria are not met.
- Ingestion
  Product is not toxic, but may cause irritation of the throat and/or nausea in sensitive individuals if swallowed.
  Based on available data, the classification criteria are not met.
- Inhalation
  May cause respiratory irritation in sensitive individuals if inhaled.
  Based on available data, the classification criteria are not met.
- Carcinogenicity
  Not listed in the National Toxicology Program (NTP) 13th Report on Carcinogens.
  Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-112.
  Not listed in OSHA standard 1910.1003 Carcinogens.
SECTION 11  Toxicological information (continued)
- Mutagenicity
  - No evidence of mutagenic effects.
- Teratogenicity
  - No evidence of teratogenic effects.

SECTION 12  Ecological information
12.1 Toxicity
- This product is not classified as hazardous to the environment under U.S. regulations.
12.2 Persistence and degradability
- No information available
12.3 Bioaccumulation Potential
- No information available
12.4 Mobility in soil
- No information available
12.5 Results of PBT and vPvB assessment
- Not a PBT according to REACH Annex XIII
- PBT/vPvB assessment not available
12.6 Other Adverse Effects
- To the best of our knowledge, the properties of this material have not been fully evaluated.
- On available data, substance is not harmful to the environment.

SECTION 13  Disposal considerations
13.1 Waste treatment methods
- Disposal should be in accordance with local, regional, national, and/or international regulations.
- Do not discharge into drains or the environment, dispose to an authorized waste collection point.
- Do not reuse empty containers.
13.2 Classification (REACH)
- Waste Codes in accordance with the European Waste catalogue (EWC) are origin-defined. Since this product is used in several industries, no Waste Code can be provided by the supplier. The Waste Code should be determined in arrangement with your waste disposal partner or the responsible authority.

SECTION 14  Transport information
14.1 UN Number
- Not classified as hazardous for transport
14.2 UN Proper Shipping Name
- Not applicable
14.3 Transport hazard class(es)
- Not applicable
14.4 Packing group
- Not applicable
14.5 Environmental hazards
- Not classified
14.6 Special precautions for user
- Not classified
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code
- Not classified
SECTION 14  Transport information (continued)

14.8 Domestic Surface Transport (US DOT)
- Proper Shipping Name: Not applicable
- DOT UN No.: Not applicable
- DOT Hazard Class: Not applicable
- DOT Packing Group: Not applicable

14.9 International Road/Rail (ADR/RID)
- Proper Shipping Name: Not applicable
- ADR UN No.: Not applicable
- ADR Hazard Class: Not applicable
- ADR Packing Group: Not applicable
- Tunnel Code: Not applicable

14.10 Ocean/Sea (IMO/IMDG)
- Proper Shipping Name: Not applicable
- IMDG UN No.: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Packing Group: Not applicable

14.11 Air (ICAO/IATA)
- Proper Shipping Name: Not applicable
- ICAO UN No.: Not applicable
- ICAO Hazard Class: Not applicable
- ICAO Packing Group: Not applicable

SECTION 15  Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006- 453/2010, WHMIS 2015 requirements as specified in the Hazardous Products Act (HPA) and the Hazardous Products Regulations (HPR), and with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

15.2 Chemical Safety Assessment
- No information available

15.3 United States Regulatory Information
SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
The material does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312
Acute Health Hazard No
Chronic Health Hazard Yes
Fire Hazard No
Sudden Release of Pressure Hazard No
Reactive Hazard No

Toxic Substance Control Act (TSCA)
All components of this material are either listed or exempt from listing on the TSCA Inventory.

State Right-to-Know
Massachusetts
Grain dust (oat, wheat, barely)
Pennsylvania
Grain dust (oat, wheat, barely)
SECTION 15  Regulatory information (continued)

15.4 Canadian Regulatory Information
- Inventory Status
  Domestic Substances List (DSL)  Listed
  Non-Domestic Substances List (NDSL)  Not listed

SECTION 16  Other information

Document No.:  SDS – 8377, 8376, 8393, 8394, 8398, 8397, 8391, 8395, 8392, 8396, 9460
Date of Preparation:  December 2016
Revision:  Rev. 0
Replaces:  New issue

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.