Revision: 29 March 2018

SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Reveal® for Multi-Treenut
- Product Part Number: 8555
- Contains Type 11 Extraction Buffer and Swab Wetting Solution

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

- Use of the substance/mixture: Lateral Flow Test strip for qualitative screening of almond, hazelnut, walnut, pecan, cashew and pistachio; For professional use only.
- Use advised against: No information available

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Neogen Europe Ltd
- Address of Supplier: The Dairy School
  Auchincruive
  Ayr, Scotland
  KA6 5HW
  UK
- Telephone: +44 (0) 1292 525 600
- Email: Info_uk@neogeneurope.com

1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 1292 525 600

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]: Not Classified
- Additional information: For full text of Hazard and EU Hazard statements: see section 16

2.2 Label elements

- Symbols: None
- Signal Word: None
- Hazard statements
  None
- Precautionary statements
  None
- Supplemental Hazard Information (EU)
  None

2.3 Other hazards

- Mildly irritating to skin and eyes

SECTION 3: Composition/information on ingredients

3.1 Substances

3.2 Mixtures

SECTION 3: Composition/information on ingredients (....)

- sodium azide
  Concentration: < 1%
  CAS Number: 26628-22-8
  EC Number: 247-852-1
  Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]: Acute Tox. 2, H300; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; EUH032
  Substance with a workplace exposure limit, see Section 8

SECTION 4: First aid measures

4.1 Description of first aid measures

- 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 got into eyes, immediately wash out with plenty of water for at least 15 minutes
  Irrigate eyes thoroughly whilst lifting eyelids
  Seek medical advice if necessary
- Ingestion
  Give 200-300mls (half pint) water to drink
  Never make an unconscious person vomit or drink fluids
  If medical advice is needed, have product container or label at hand.
- Inhalation
  IF exposed or concerned: Get medical advice/attention.
  If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

4.2 Most important symptoms and effects, both acute and delayed

- May cause irritation

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically

SECTION 5: Firefighting measures

5.1 Extinguishing media

- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide

5.2 Special hazards arising from the substance or mixture

- Gives off irritating or toxic fumes (or gases) in a fire.
- Decomposition products may include nitrogen and carbon oxides
- Decomposition products may include phosphorus oxides
- Decomposition products may include hydrogen halides
- Decomposition products may include potassium oxides
- Decomposition products may include sodium oxides

5.3 Advice for firefighters

- Special protective equipment: Wear self-contained breathing apparatus (SCBA). Wear full protective clothing including chemical protection suit.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Personal precautions for non-emergency personnel: Avoid contact with skin and eyes; Wash thoroughly after dealing with spillage; Eyewash bottles should be available
- Personal precautions for emergency responders: Wear protective clothing as per section 8; Wash thoroughly after dealing with spillage

6.2 Environmental precautions

- Avoid release to the environment.
- Do not allow to enter public sewers and watercourses

6.3 Methods and material for containment and cleaning up

- Wipe up spillage with damp absorbent cloth or towel
- Remove contaminated material to safe location for subsequent disposal
- To clean the floor and all objects contaminated by this material use water

6.4 Reference to other sections

- See section(s): 7, 8 & 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Avoid contact with skin and eyes
- Do not eat, drink or smoke when using this product.
- Wash hands thoroughly after using this substance
- Eyewash bottles should be available

7.2 Conditions for safe storage, including any incompatibilities

- Store at temperatures not exceeding 2 - 8°C/36 - 46°F. Keep cool.
- Store in a dry place.
- Keep away from acid
- Keep away from oxidising substances

7.3 Specific end use(s)

- Lateral Flow Test strip for qualitative screening of almond, hazelnut, walnut, pecan, cashew and pistachio.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- sodium azide
  (EU) OELV (long term TWA) 0.1 mg/m3
  (EU) OELV (short term limit value) 0.3 mg/m3
  WEL (long term): 0.1 mg/m3 (UK EH40)
  WEL (short term): 0.3 mg/m3 (UK EH40)
  (USA) TLV (STEL): (Ceiling limit value as HN3) 0.1 ppm (Ceiling limit value as NaN3) 0.3 mg/m3

8.2 Exposure controls

- Ensure adequate ventilation
- Engineering controls should be provided which maintain airborne concentrations below the relevant guidelines
- In case of insufficient ventilation, wear suitable respiratory equipment
- Wear safety glasses approved to standard EN 166.
- Wear suitable protective clothing
- Wear disposable gloves
- Eyewash bottles should be available

Revision: 29 March 2018

SECTION 8: Exposure controls/personal protection (....)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid; clear; colourless
- Odour: Odourless
- Odour threshold: No information available
- pH: No information available
- Melting point/freezing point: Approx 0°C
- Initial boiling point and boiling range: Approx 100°C
- Flashpoint: No information available
- Evaporation Rate: No information available
- Flammability (solid,gas): Not applicable
- Upper/lower flammability or explosive limits: Not applicable
- Vapour Pressure: No information available
- Vapour Density: No information available
- Relative Density: No information available
- Solubility(ies): Completely soluble in water
- Partition Coefficient (n-Octanol/Water): No information available
- Autoignition Temperature: : No information available
- Decomposition temperature: No information available
- Viscosity: No information available
- Explosive Properties: Product does not present an explosion hazard
- Oxidising Properties: No information available

9.2 Other information

- No information available

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

- Keep away from heat and sources of ignition

10.5 Incompatible materials

- Incompatible with strong oxidizing substances
- Incompatible with strong acids

10.6 Hazardous decomposition products

- Decomposition products may include toxic and irritant fumes
- Decomposition products may include nitrogen and carbon oxides
- Decomposition products may include phosphorus oxides
- Decomposition products may include hydrogen halides

SECTION 10: Stability and reactivity (....)

- Decomposition products may include potassium oxides
- Decomposition products may include sodium oxides

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- Acute Toxicity
  No experimental test data available for the mixture
  LD50 (oral,rat): (sodium azide) 27 mg/kg
  LD50 (dermal, rabbit) (sodium azide) 20 mg/kg bw
  Based on available data, the classification criteria are not met
- Skin corrosion/irritation
  Based on available data, the classification criteria are not met
- Serious eye damage/irritation
  Based on available data, the classification criteria are not met
- Respiratory or skin sensitisation
  No information available
- Germ cell mutagenicity
  No evidence of mutagenic effects
- Carcinogenicity
  No evidence of carcinogenic effects
- Reproductive toxicity
  No evidence of reproductive effects
- Specific target organ toxicity (STOT) - single exposure
  No information available
- Specific target organ toxicity (STOT) - repeated exposure
  No information available
- Aspiration hazard
  No information available
- Contact with eyes
  May cause redness and irritation
- Contact with skin
  May cause redness and irritation
- Inhalation
  May cause respiratory irritation
- Ingestion
  May cause irritation

SECTION 12: Ecological information

12.1 Toxicity

- Based on available data, the classification criteria are not met
- sodium azide
  LC50 (fish): 0.68-5.46 mg/l (96 hr)
  LC50 (crustaceans) 9 mg/l (48 hr)
  EC50 (crustaceans) 4.2-6.4 mg/l (48 hr)
  EC50 (algae) 0.348 mg/l (96 hr)

12.2 Persistence and degradability

SECTION 12: Ecological information (....)

- No information available

12.3 Bioaccumulative 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
- Not a vPvB according to REACH Annex XIII

12.6 Other adverse effects

- 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, state or national legislation
- Do not discharge into drains or the environment, dispose to an authorised waste collection point
- Refer to manufacturer/supplier for information on recovery/recycling

13.2 Classification

- 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 and the IBC Code

- Not Classified

14.8 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

SECTION 14: Transport information (....)

14.9 Sea (IMDG)

- Proper Shipping Name: Not applicable
- IMDG UN No.: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Pack Group.: Not applicable

14.10 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 REACH Regulation (EC) No 1907/2006 as amended by Regulation (EU) 2015/830
- Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) applies in Europe

15.2 Chemical safety assessment

- No information available

SECTION 16: Other information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Revision No. 3.0. Revised March 2018.
Changes made: Minor amendments to name and layout

Text not given with phrase codes where they are used elsewhere in this safety data sheet:

- H300: Fatal if swallowed
- H400: Very toxic to aquatic life
- H410: Very toxic to aquatic life with long lasting effects
- EUH032: Contact with acids liberates very toxic gas

--- end of safety datasheet ---