
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Veratox Sesame Kit
- Product Part Number: 8530
- Product Description: This is a summary SDS for a kit only, the components listed in section 16 have their own full SDS.

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

- Use of the substance/mixture: ELISA bases assay for the detection of Sesame;
For professional use only.
- Use advised against: Not for sale to the general public

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

- EUH210 - Safety data sheet available on request.

2.3 Other hazards

- May cause irritation to skin, eyes and the respiratory tract.
-

SECTION 3: Composition/information on ingredients

3.1 Substances

3.2 Mixtures

- Refer to component SDS
-

SECTION 4: First aid measures

Refer to component SDS



SECTION 5: Firefighting measures

Refer to component SDS

SECTION 6: Accidental release measures

Refer to component SDS

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- See Section 2.2

7.2 Conditions for safe storage, including any incompatibilities

- Store at temperatures not exceeding 2 - 8°C/36 - 46°F. Keep cool.

7.3 Specific end use(s)

- ELISA bases assay for the detection of Sesame
-

SECTION 8: Exposure controls/personal protection

Refer to component SDS

SECTION 9: Physical and chemical properties

Refer to component SDS

SECTION 10: Stability and reactivity

Refer to component SDS

SECTION 11: Toxicological information

Refer to component SDS

SECTION 12: Ecological information

Refer to component SDS

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- 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

Not classified as hazardous for transport

14.1 UN number

- UN No.: Not applicable

14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class: Not applicable

14.4 Packing group

- Packing Group: Not applicable

14.5 Environmental hazards

- Not Classified

14.6 Special precautions for user

- Normally supplied/transported in fibreboard boxes

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

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.

Kit Components:

Standard Diluent
Phosphate Buffered Saline (PBS) Sachet
HRP Conjugate
Wash Concentrate
Extraction Additive
K-Blue Aqueous
Red Stop

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

- EUH210 - Safety data sheet available on request
- end of safety datasheet ---
-



SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Extraction Additive for Veratox Sesame

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

- Use of the substance/mixture: ELISA bases assay for the detection of Sesame
- 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

- This product does not need to be labelled in accordance with EC Regulations and Directives

2.3 Other hazards

- No hazard expected under normal conditions of use
-

SECTION 3: Composition/information on ingredients

3.1 Substances

3.2 Mixtures

- This product does not contain any hazardous ingredients at levels above the relevant thresholds or any ingredients with a workplace exposure limit.
-

SECTION 4: First aid measures

4.1 Description of first aid measures

- Contact with skin
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
-



SECTION 4: First aid measures (....)

- 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
 - Dust may cause respiratory irritation.
 - If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
 - IF exposed or concerned: Call a doctor.

4.2 Most important symptoms and effects, both acute and delayed

- No hazard expected under normal conditions of use

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.
- See Section 10

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: Wear protective clothing as per section 8; Avoid contact with skin and eyes; Avoid breathing dust/fume/gas/mist/vapours/spray; Wash thoroughly after dealing with spillage
- Personal precautions for emergency responders: Wear chemical protection suit; Wear self-contained breathing apparatus (SCBA).

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

- Wipe up spillage with damp cloth or mop
- To clean the floor and all objects contaminated by this material use water

6.4 Reference to other sections

- See Section 7



SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Ensure adequate ventilation
- Avoid contact with skin and eyes
- Do not breathe dust
- Do not eat, drink or smoke when using this product.
- Wash hands thoroughly after using this substance

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.

7.3 Specific end use(s)

- ELISA bases assay for the detection of Sesame
-

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- There are no recommended or established controls for this product

8.2 Exposure controls

- Wear safety glasses approved to standard EN 166.
- Wear suitable protective clothing
- Wear disposable gloves



Gloves



Goggles

Suit

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Powder, white
- Odour: Odourless
- Odour threshold: No information available
- pH: Not applicable
- Melting point/freezing point: No information available
- Initial boiling point and boiling range: No information available
- Flashpoint: No information available
- Evaporation Rate: No information available
- Flammability (solid,gas): No information available
- Upper/lower flammability or explosive limits: No information available
- Vapour Pressure: No information available
- Vapour Density: No information available
- Relative Density: No information available
- Solubility(ies): No information available
- Partition Coefficient (n-Octanol/Water): No information available
- Autoignition Temperature : No information available



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SECTION 9: Physical and chemical properties (....)

- Decomposition temperature: No information available
- Viscosity: No information available
- Explosive Properties: No information available
- 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

- No information available

10.6 Hazardous decomposition products

- Decomposition products may include toxic and irritant fumes
-

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- Acute Toxicity
No experimental test data available for the mixture
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 evidence of skin sensitisation in humans
 - 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
-



SECTION 11: Toxicological information (....)

- Contact with eyes
May cause redness and irritation
 - Contact with skin
May cause redness and irritation
 - Inhalation
Dust may cause respiratory irritation.
 - Ingestion
No hazard expected under normal conditions of use
-

SECTION 12: Ecological information

12.1 Toxicity

- Based on available data, the classification criteria are not met

12.2 Persistence and degradability

- 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 vPvB according to REACH Annex XIII
- Not a PBT 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



SECTION 14: Transport information (....)

- 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
- 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.

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

- None assigned

--- end of safety datasheet ---



SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: HRP Conjugate for Veratox Sesame
- Product Description: 2ml bottles

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

- Use of the substance/mixture: ELISA bases assay for the detection of Sesame
- 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

- This product does not need to be labelled in accordance with EC Regulations and Directives

2.3 Other hazards

- No hazard expected under normal conditions of use
-

SECTION 3: Composition/information on ingredients

3.1 Substances

3.2 Mixtures

- This product does not contain any hazardous ingredients at levels above the relevant thresholds or any ingredients with a workplace exposure limit.
-

SECTION 4: First aid measures

4.1 Description of first aid measures

- Contact with skin
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
-



SECTION 4: First aid measures (....)

- 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 breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF exposed or concerned: Call a doctor.

4.2 Most important symptoms and effects, both acute and delayed

- No hazard expected under normal conditions of use

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.
- See Section 10

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: Wear protective clothing as per section 8; Avoid contact with skin and eyes; Avoid breathing vapours, mist or gas; Wash thoroughly after dealing with spillage
- Personal precautions for emergency responders: Wear chemical protection suit; Wear self-contained breathing apparatus (SCBA).

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

- Wipe up spillage with damp cloth or mop
- To clean the floor and all objects contaminated by this material use water

6.4 Reference to other sections

- See Section 7
-



SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Ensure adequate ventilation
- Avoid contact with skin and eyes
- Do not eat, drink or smoke when using this product.
- Wash hands thoroughly after using this substance

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.

7.3 Specific end use(s)

- ELISA bases assay for the detection of Sesame

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- There are no recommended or established controls for this product

8.2 Exposure controls

- Wear safety glasses approved to standard EN 166.
- Wear suitable protective clothing
- Wear disposable gloves



Gloves



Goggles



Suit

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid, colourless
- Odour: Odourless
- Odour threshold: No information available
- pH: 6.0 - 8.0
- Melting point/freezing point: No information available
- Initial boiling point and boiling range: No information available
- Flashpoint: No information available
- Evaporation Rate: No information available
- Flammability (solid,gas): No information available
- Upper/lower flammability or explosive limits: No information available
- Vapour Pressure: No information available
- Vapour Density: No information available
- Relative Density: No information available
- Solubility(ies): No information available
- Partition Coefficient (n-Octanol/Water): No information available
- Autoignition Temperature : No information available
- Decomposition temperature: No information available
- Viscosity: No information available
- Explosive Properties: No information available
- Oxidising Properties: No information available



SECTION 9: Physical and chemical properties (....)

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

10.6 Hazardous decomposition products

- Decomposition products may include toxic and irritant fumes
-

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- Acute Toxicity
No experimental test data available for the mixture
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 evidence of skin sensitisation in humans
- 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



SECTION 11: Toxicological information (....)

- May cause redness and irritation
- Inhalation
No hazard expected under normal conditions of use
 - Ingestion
No hazard expected under normal conditions of use
-

SECTION 12: Ecological information

12.1 Toxicity

- Based on available data, the classification criteria are not met

12.2 Persistence and degradability

- 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 vPvB according to REACH Annex XIII
- Not a PBT 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



SECTION 14: Transport information (....)

- 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
 - 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.

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

- None assigned

--- end of safety datasheet ---



SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Standard Diluent for Veratox Sesame
- Product Description: Contains 4 x 1.5ml vials and 1 x 3.0ml vial of fish gelatin in a phospho buffered saline

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

- Use of the substance/mixture: ELISA bases assay for the detection of Sesame;
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

- This product does not need to be labelled in accordance with EC Regulations and Directives

2.3 Other hazards

- No hazard expected under normal conditions of use
-

SECTION 3: Composition/information on ingredients

3.1 Substances

3.2 Mixtures

- This product does not contain any hazardous ingredients at levels above the relevant thresholds or any ingredients with a workplace exposure limit.
-

SECTION 4: First aid measures

4.1 Description of first aid measures

- Contact with skin
Wash affected area with plenty of soap and water
-



SECTION 4: First aid measures (....)

- 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
 - Inhalation is unlikely to occur
- 4.2 Most important symptoms and effects, both acute and delayed
- No hazard expected under normal conditions of use
- 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 carbon oxides
 - Decomposition products may include phosphorous oxides
 - Decomposition products may include sodium oxides
 - See Section 10
- 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: Wear protective clothing as per section 8; Avoid contact with skin and eyes; Wash thoroughly after dealing with spillage
 - Personal precautions for emergency responders: Wear chemical protection suit; Wear self-contained breathing apparatus (SCBA).
- 6.2 Environmental precautions
- Do not allow to enter public sewers and watercourses
 - Avoid release to the environment.
- 6.3 Methods and material for containment and cleaning up
- Wipe up spillage with damp cloth or mop
 - To clean the floor and all objects contaminated by this material use water
- 6.4 Reference to other sections
-



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SECTION 6: Accidental release measures (....)

- See Section 7
-

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Ensure adequate ventilation
- Avoid contact with skin and eyes
- Do not eat, drink or smoke when using this product.
- Wash hands thoroughly after using this substance

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.

7.3 Specific end use(s)

- ELISA bases assay for the detection of Sesame
-

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- There are no recommended or established controls for this product

8.2 Exposure controls

- Wear safety glasses approved to standard EN 166.
- Wear suitable protective clothing
- Wear disposable gloves



Gloves



Goggles



Suit

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid, colourless
- Odour: Odourless
- Odour threshold: No information available
- pH: 7.1 - 7.3
- Melting point/freezing point: No information available
- Initial boiling point and boiling range: No information available
- Flashpoint: No information available
- Evaporation Rate: No information available
- Flammability (solid,gas): No information available
- Upper/lower flammability or explosive limits: No information available
- 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



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SECTION 9: Physical and chemical properties (....)

- Decomposition temperature: No information available
- Viscosity: No information available
- Explosive Properties: No information available
- 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

- No information available

10.6 Hazardous decomposition products

- Decomposition products may include toxic and irritant fumes
- Decomposition products may include carbon oxides
- Decomposition products may include phosphorous 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
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 evidence of skin sensitisation in humans
- 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



SECTION 11: Toxicological information (....)

- 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
Inhalation is unlikely to occur
 - Ingestion
No hazard expected under normal conditions of use
-

SECTION 12: Ecological information

12.1 Toxicity

- Based on available data, the classification criteria are not met

12.2 Persistence and degradability

- 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 vPvB according to REACH Annex XIII
- Not a PBT 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



SECTION 14: Transport information (....)

- 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
- 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.

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

- None assigned

--- end of safety datasheet ---