

SAFETY DATA SHEET

Deproteinizer

SDS no.:

105610

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

1.1 Product identifier

Product name : Deproteinizer
Product code : 105610, 08915030, 10309775

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

Identified uses ISE Deproteinising UDC Diagnostic agents.
 57mg Pepsin Vial Diagnostic agents.

Restrictions on use For professional users only.

Supplier : Siemens Healthcare Diagnostics Limited
 Park View,
 Watchmoor Park,
 Camberley,
 Surrey,
 GU15 3YL
 United Kingdom

Phone: +44 (0) 345 600 1955

e-mail address of person responsible for this SDS : dx.msds.healthcare@siemens-healthineers.com

1.4 Emergency telephone number

CHEMTREC: +44 20 3807 3798

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : ISE Deproteinising UDC Mixture
 57mg Pepsin Vial Mixture

Classification according to UK CLP/GHS

57mg Pepsin Vial

Skin Irrit. 2, H315

Eye Irrit. 2, H319

Resp. Sens. 1, H334

The product is classified as hazardous according to UK CLP Regulation SI 2019/720 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms :



Signal word : ISE Deproteinising UDC No signal word.
 57mg Pepsin Vial Danger

Deproteinizer

SECTION 2: Hazards identification

Hazard statements	: ISE Deproteinising UDC 57mg Pepsin Vial	No known significant effects or critical hazards. H315 - Causes skin irritation. H319 - Causes serious eye irritation. H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 <u>Precautionary statements</u>		
Prevention	: ISE Deproteinising UDC 57mg Pepsin Vial	Not applicable. P261 - Avoid breathing dust. P264 - Wash hands thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Response	: ISE Deproteinising UDC 57mg Pepsin Vial	Not applicable. P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor. P337 + P313 - If eye irritation persists: Get medical advice/attention. P304 - IF INHALED: P340 - Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Storage	: ISE Deproteinising UDC 57mg Pepsin Vial	Not applicable. Not applicable.
Disposal	: ISE Deproteinising UDC 57mg Pepsin Vial	Not applicable. Not applicable.
Supplemental label elements	: ISE Deproteinising UDC 57mg Pepsin Vial	Not applicable. Not applicable.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: ISE Deproteinising UDC 57mg Pepsin Vial	Not applicable. Not applicable.
 2.3 Other hazards		
Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	: ISE Deproteinising UDC 57mg Pepsin Vial	This mixture does not contain any substances that are assessed to be a PBT or a vPvB. This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Other hazards which do not result in classification	: ISE Deproteinising UDC 57mg Pepsin Vial	None known. None known.
Additional information	: Not available. Not available.	

Deproteinizer

SECTION 3: Composition/information on ingredients

3.1 Substances : ISE Deproteinising UDC Mixture
57mg Pepsin Vial Mixture

Product/ingredient name	Identifiers	%	Classification	Type
57mg Pepsin Vial Pepsin A	EC: 232-629-3 CAS: 9001-75-6 Index: 647-008-00-6	≥10 - <20	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 STOT SE 3, H335 See Section 16 for the full text of the H statements declared above.	[1]

Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

<p>Eye contact : ISE Deproteinising UDC</p> <p>57mg Pepsin Vial</p>	<p>Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.</p> <p>Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.</p>
<p>Inhalation : ISE Deproteinising UDC</p> <p>57mg Pepsin Vial</p>	<p>Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.</p> <p>Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In the event of any complaints or symptoms, avoid further exposure.</p>

Deproteinizer

SECTION 4: First aid measures

Skin contact	: ISE Deproteinising UDC 57mg Pepsin Vial	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: ISE Deproteinising UDC 57mg Pepsin Vial	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Protection of first-aiders	: ISE Deproteinising UDC 57mg Pepsin Vial	No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/symptoms

Eye contact	: ISE Deproteinising UDC 57mg Pepsin Vial	No specific data. Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: ISE Deproteinising UDC 57mg Pepsin Vial	No specific data. Adverse symptoms may include the following: wheezing and breathing difficulties asthma

Deproteinizer

SECTION 4: First aid measures

Skin contact	: ISE Deproteinising UDC 57mg Pepsin Vial	No specific data. Adverse symptoms may include the following: irritation redness
Ingestion	: ISE Deproteinising UDC 57mg Pepsin Vial	No specific data. No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	: ISE Deproteinising UDC 57mg Pepsin Vial	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: ISE Deproteinising UDC 57mg Pepsin Vial ISE Deproteinising UDC 57mg Pepsin Vial	No specific treatment. No specific treatment. Not available. Not available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture	: In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous combustion products	: No specific data.

5.3 Advice for firefighters

Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental precautions

: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Deproteinizer

SECTION 6: Accidental release measures

6.3 Methods and material for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

- 6.4 Reference to other sections** : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of asthma, allergies or chronic or recurrent respiratory disease should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)

- Recommendations** : Not available.
- Industrial sector specific solutions** : Not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

No exposure limit value known.

- Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Deproteinizer

SECTION 8: Exposure controls/personal protection

DNELs/DMELs

No DNELs/DMELs available.

PNECs

No PNECs available

8.2 Exposure controls

Appropriate engineering controls : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

Appearance

Physical state	: ISE Deproteinising UDC 57mg Pepsin Vial	Liquid. Solid.
Colour	: ISE Deproteinising UDC 57mg Pepsin Vial	Colourless. White.
Odour	: ISE Deproteinising UDC 57mg Pepsin Vial	Odourless. Odourless.

Deproteinizer

SECTION 9: Physical and chemical properties

Odour threshold	:	Not relevant/applicable due to nature of the product.
Melting point/freezing point	:	Not relevant/applicable due to nature of the product.
Softening point	:	Not relevant/applicable due to nature of the product.
Sublimation temperature	:	Not relevant/applicable due to nature of the product.
Initial boiling point and boiling range	:	ISE Deproteinising UDC 57mg Pepsin Vial Not available. Not available.
Flammability (solid, gas)	:	ISE Deproteinising UDC 57mg Pepsin Vial Not relevant/applicable due to nature of the product. Not relevant/applicable due to nature of the product.
Upper/lower flammability or explosive limits	:	ISE Deproteinising UDC 57mg Pepsin Vial Not available. Not applicable.
Flash point	:	ISE Deproteinising UDC 57mg Pepsin Vial [Product does not sustain combustion.] [Product does not sustain combustion.]
Decomposition temperature	:	Not relevant/applicable due to nature of the product.
pH	:	ISE Deproteinising UDC 57mg Pepsin Vial Not applicable. Not applicable.
Viscosity	:	ISE Deproteinising UDC 57mg Pepsin Vial Not available. Not applicable.
Solubility(ies) Not available.	:	
Solubility in water	:	Not relevant/applicable due to nature of the product.
Miscible with water	:	Not relevant/applicable due to nature of the product.
Partition coefficient: n-octanol/ water	:	Not relevant/applicable due to nature of the product.
Vapour pressure	:	

Ingredient name	Vapour Pressure at 20°C			Vapour pressure at 50°C		
	mm Hg	kPa	Method	mm Hg	kPa	Method
ISE Deproteinising UDC water	23.8	3.2				

Evaporation rate	:	Not relevant/applicable due to nature of the product.
Relative density	:	ISE Deproteinising UDC 57mg Pepsin Vial 1 Not available.
Density	:	ISE Deproteinising UDC 57mg Pepsin Vial Not available. Not available.
Vapour density	:	ISE Deproteinising UDC 57mg Pepsin Vial Not available. Not applicable.
Explosive properties	:	ISE Deproteinising UDC 57mg Pepsin Vial Not available. Not available.
Oxidising properties	:	ISE Deproteinising UDC 57mg Pepsin Vial Not available. Not available.

Particle characteristics

Median particle size : Not applicable.

9.2 Other information

Fire point	:	ISE Deproteinising UDC 57mg Pepsin Vial Not available. Not available.
Burning time	:	Not relevant/applicable due to nature of the product.
Fundamental burning velocity	:	Not relevant/applicable due to nature of the product.
Burning rate	:	Not relevant/applicable due to nature of the product.
SADT	:	Not relevant/applicable due to nature of the product.

Deproteinizer

SECTION 9: Physical and chemical properties

SAPT	: Not relevant/applicable due to nature of the product.
Heat of reaction	: Not relevant/applicable due to nature of the product.
Heat of combustion	: Not relevant/applicable due to nature of the product.
Flow time (ISO 2431)	: Not relevant/applicable due to nature of the product.
Molecular weight	: Not relevant/applicable due to nature of the product.

SECTION 10: Stability and reactivity

10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	: The product is stable.
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: No specific data.
10.5 Incompatible materials	: No specific data.
10.6 Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Conclusion/Summary	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.
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Acute toxicity estimates

N/A

Irritation/Corrosion

Conclusion/Summary

Skin	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.
Eyes	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.
Respiratory	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.

Sensitisation

Conclusion/Summary

Skin	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.
Respiratory	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.

Mutagenicity

Conclusion/Summary	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.
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Carcinogenicity

Conclusion/Summary	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.
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Reproductive toxicity

Conclusion/Summary	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.
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Teratogenicity

Deproteinizer

SECTION 11: Toxicological information

Conclusion/Summary : ISE Deproteinising UDC Not available.
57mg Pepsin Vial Not available.

Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
57mg Pepsin Vial Pepsin A	Category 3	-	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes of exposure : ISE Deproteinising UDC Not available.
57mg Pepsin Vial Not available.

Potential acute health effects

Eye contact : ISE Deproteinising UDC No known significant effects or critical hazards.
57mg Pepsin Vial Causes serious eye irritation.

Inhalation : ISE Deproteinising UDC No known significant effects or critical hazards.
57mg Pepsin Vial May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Skin contact : ISE Deproteinising UDC No known significant effects or critical hazards.
57mg Pepsin Vial Causes skin irritation.

Ingestion : ISE Deproteinising UDC No known significant effects or critical hazards.
57mg Pepsin Vial No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : ISE Deproteinising UDC No specific data.
57mg Pepsin Vial Adverse symptoms may include the following:
pain or irritation
watering
redness

Inhalation : ISE Deproteinising UDC No specific data.
57mg Pepsin Vial Adverse symptoms may include the following:
wheezing and breathing difficulties
asthma

Skin contact : ISE Deproteinising UDC No specific data.
57mg Pepsin Vial Adverse symptoms may include the following:
irritation
redness

Ingestion : ISE Deproteinising UDC No specific data.
57mg Pepsin Vial No specific data.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure

Potential immediate effects : ISE Deproteinising UDC Not available.
57mg Pepsin Vial Not available.

Deproteinizer

SECTION 11: Toxicological information

Potential delayed effects	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.
<u>Long term exposure</u>		
Potential immediate effects	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.
Potential delayed effects	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.
<u>Potential chronic health effects</u>		
Not available.		
Conclusion/Summary	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.
General	: ISE Deproteinising UDC 57mg Pepsin Vial	No known significant effects or critical hazards. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	: ISE Deproteinising UDC 57mg Pepsin Vial	No known significant effects or critical hazards. No known significant effects or critical hazards.
Mutagenicity	: ISE Deproteinising UDC 57mg Pepsin Vial	No known significant effects or critical hazards. No known significant effects or critical hazards.
Reproductive toxicity	: ISE Deproteinising UDC 57mg Pepsin Vial	No known significant effects or critical hazards. No known significant effects or critical hazards.
Interactive effects	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.
<u>Toxicokinetics</u>		
Absorption	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.
Distribution	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.
Metabolism	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.
Elimination	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.
Other information	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.

SECTION 12: Ecological information

12.1 Toxicity

Conclusion/Summary	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.
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12.2 Persistence and degradability

Conclusion/Summary	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.
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12.3 Bioaccumulative potential

Not available.

Deproteinizer

SECTION 12: Ecological information

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc})	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.
Mobility	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Other adverse effects : No known significant effects or critical hazards.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
Hazardous waste	: The classification of the product may meet the criteria for a hazardous waste.

Packaging

Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
Special precautions	: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spill material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

ADR/RID

14.1 UN number	ISE Deproteinising UDC 57mg Pepsin Vial	Not regulated. Not regulated.
14.2 UN proper shipping name	ISE Deproteinising UDC 57mg Pepsin Vial	- -
14.3 Transport hazard class(es)	ISE Deproteinising UDC 57mg Pepsin Vial	- -
14.4 Packing group	ISE Deproteinising UDC 57mg Pepsin Vial	- -
14.5 Environmental hazards	ISE Deproteinising UDC 57mg Pepsin Vial	No. No.
Additional information	ISE Deproteinising UDC 57mg Pepsin Vial	- -

ADN

14.1 UN number	ISE Deproteinising UDC 57mg Pepsin Vial	Not regulated. Not regulated.
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Deproteinizer

SECTION 14: Transport information

14.2 UN proper shipping name ISE Deproteinising UDC -
57mg Pepsin Vial -

14.3 Transport hazard class(es) ISE Deproteinising UDC -
57mg Pepsin Vial -

14.4 Packing group ISE Deproteinising UDC -
57mg Pepsin Vial -

14.5 Environmental hazards ISE Deproteinising UDC No.
57mg Pepsin Vial No.

Additional information ISE Deproteinising UDC -
57mg Pepsin Vial -

IMDG

14.1 UN number ISE Deproteinising UDC Not regulated.
57mg Pepsin Vial Not regulated.

14.2 UN proper shipping name ISE Deproteinising UDC -
57mg Pepsin Vial -

14.3 Transport hazard class(es) ISE Deproteinising UDC -
57mg Pepsin Vial -

14.4 Packing group ISE Deproteinising UDC -
57mg Pepsin Vial -

14.5 Environmental hazards ISE Deproteinising UDC No.
57mg Pepsin Vial No.

Additional information ISE Deproteinising UDC -
57mg Pepsin Vial -

IATA

14.1 UN number ISE Deproteinising UDC Not regulated.
57mg Pepsin Vial Not regulated.

14.2 UN proper shipping name ISE Deproteinising UDC -
57mg Pepsin Vial -

14.3 Transport hazard class(es) ISE Deproteinising UDC -
57mg Pepsin Vial -

14.4 Packing group ISE Deproteinising UDC -
57mg Pepsin Vial -

14.5 Environmental hazards ISE Deproteinising UDC No.
57mg Pepsin Vial No.

Additional information ISE Deproteinising UDC -
57mg Pepsin Vial -

Deproteinizer

SECTION 14: Transport information

14.6 Special precautions for user : ISE Deproteinising UDC user

57mg Pepsin Vial

Transport within user's premises:
always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport within user's premises:
always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to IMO instruments Not applicable.

SECTION 15: Regulatory information

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

UK (GB) /REACH

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Ozone depleting substances

Not listed.

Prior Informed Consent (PIC)

Not listed.

Persistent Organic Pollutants

Not listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles : ISE Deproteinising UDC
57mg Pepsin Vial

Not applicable.
Not applicable.

Seveso Directive

This product is not controlled under the Seveso Directive.

EU regulations

Industrial emissions (integrated pollution prevention and control) - Air : ISE Deproteinising UDC
57mg Pepsin Vial

Not listed
Not listed

Industrial emissions (integrated pollution prevention and control) - Water : ISE Deproteinising UDC
57mg Pepsin Vial

Not listed
Not listed

International regulations

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Deproteinizer

SECTION 15: Regulatory information

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

15.2 Chemical safety assessment : Chemical Safety Assessments for all substances in this product are either Complete or Not applicable.

SECTION 16: Other information

✔ Indicates information that has changed from previously issued version.

Abbreviations and acronyms :

- ATE = Acute Toxicity Estimate
- GB CLP = UK CLP (EC No 1272/2008) on the Classification, Labelling and Packaging of Substances and Mixtures as amended by (EU Exit) Regulations 2019 No. 720 and amendments
- DMEL = Derived Minimal Effect Level
- DNEL = Derived No Effect Level
- EUH statement = GB CLP-specific Hazard statement
- N/A = Not available
- PBT = Persistent, Bioaccumulative and Toxic
- PNEC = Predicted No Effect Concentration
- RRN = REACH Registration Number
- SGG = Segregation Group
- vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification

Classification	Justification
57mg Pepsin Vial Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334	Calculation method Calculation method Calculation method

Full text of abbreviated H statements

57mg Pepsin Vial	
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.

Full text of classifications

57mg Pepsin Vial	
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Resp. Sens. 1	RESPIRATORY SENSITISATION - Category 1
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3

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Notice to reader

Deproteinizer

SECTION 16: Other information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.