

SAFETY DATA SHEET

SIEMENS

Deproteinizer

SDS # : 105610

Section 1. Identification

Product identifier : Deproteinizer
Product code : 105610, 08915030, 10309775
Product type : Liquid.

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

Not applicable.

Manufactured/supplied : Siemens Healthcare Diagnostics Inc.
511 Benedict Avenue
Tarrytown, NY 10591-5097 USA
1-877-229-3711
(800) 424-9300 (CHEMTREC) (24/365)

Section 2. Hazards identification

OSHA/HCS status : ISE Deproteinising UDC

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : ISE Deproteinising UDC
57mg Pepsin Vial

Not classified.
SKIN IRRITATION - Category 2
EYE IRRITATION - Category 2A
RESPIRATORY SENSITIZATION - Category 1

Additional information : Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 12.8%

: Not available.

Not available.

GHS label elements

Hazard pictograms :



Signal word : ISE Deproteinising UDC
57mg Pepsin Vial

No signal word.
Danger

Hazard statements : ISE Deproteinising UDC
57mg Pepsin Vial

No known significant effects or critical hazards.
H319 - Causes serious eye irritation.
H315 - Causes skin irritation.
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary statements

Section 2. Hazards identification

Prevention	: ISE Deproteinising UDC 57mg Pepsin Vial	Not applicable. P264 - Wash hands thoroughly after handling. P261 - Avoid breathing dust. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Response	: ISE Deproteinising UDC 57mg Pepsin Vial	Not applicable. P304 + P341 (OSHA) - IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER or physician. P302 + P352 + P362+P364 - IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. P332 + P313 - If skin irritation occurs: Get medical attention. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.
Storage	: ISE Deproteinising UDC 57mg Pepsin Vial	Not applicable.
Disposal	: ISE Deproteinising UDC 57mg Pepsin Vial	Not applicable. P501 - Dispose of contents and container in accordance with all local, regional, and national regulations.
Supplemental label elements	: ISE Deproteinising UDC 57mg Pepsin Vial	None known.
Hazards not otherwise classified	: ISE Deproteinising UDC 57mg Pepsin Vial	None known.

Section 3. Composition/information on ingredients

Substance/mixture	: ISE Deproteinising UDC 57mg Pepsin Vial	Mixture Mixture
--------------------------	--	--------------------

Ingredient name	%	CAS number
57mg Pepsin Vial pepsin A	13	9001-75-6

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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

Section 4. First aid measures

Description of necessary first aid measures

Section 4. First aid measures

Eye contact

: ISE Deproteinising UDC

57mg Pepsin Vial

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.

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.

Inhalation

: ISE Deproteinising UDC

57mg Pepsin Vial

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

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.

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. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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

Section 4. First aid measures

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.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	: ISE Deproteinising UDC 57mg Pepsin Vial	No known significant effects or critical hazards. Causes serious eye irritation.
Inhalation	: ISE Deproteinising UDC 57mg Pepsin Vial	No known significant effects or critical hazards. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin contact	: ISE Deproteinising UDC 57mg Pepsin Vial	No known significant effects or critical hazards. Causes skin irritation.
Ingestion	: ISE Deproteinising UDC 57mg Pepsin Vial	No known significant effects or critical hazards. No known significant effects or critical hazards.

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
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.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician	: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: No specific treatment.
Protection of first-aiders	: 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.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media : In case of fire, use water spray (fog), foam or dry chemical.

Unsuitable extinguishing media : None known.

Specific hazards arising from the chemical : In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products : No specific data.

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

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 spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders : If specialized 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".

Environmental precautions : Avoid dispersal of spilled 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).

Methods and materials 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 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 spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

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 vapor 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.

Section 7. Handling and storage

- 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.
- 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 unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

None.

- Appropriate engineering controls** : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor 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.
- 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.

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.

Section 9. Physical and chemical properties

Physical state	: ISE Deproteinising UDC 57mg Pepsin Vial	Liquid. Solid.
Color	: ISE Deproteinising UDC 57mg Pepsin Vial	Colorless. White.
Odor	: ISE Deproteinising UDC 57mg Pepsin Vial	Odorless. Odorless.
pH	: ISE Deproteinising UDC 57mg Pepsin Vial	Not applicable. Not applicable.
Flash point	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. [Product does not sustain combustion.]
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.
Relative density	: ISE Deproteinising UDC 57mg Pepsin Vial	1 Not relevant/applicable due to nature of the product.
Solubility in water	: ISE Deproteinising UDC 57mg Pepsin Vial	Not relevant/applicable due to nature of the product. Not relevant/applicable due to nature of the product.
Partition coefficient: n-octanol/water	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.
Auto-ignition temperature	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.
Viscosity	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.
<u>Aerosol product</u>		
Type of aerosol	: ISE Deproteinising UDC 57mg Pepsin Vial	Not applicable. Not applicable.

Section 10. Stability and reactivity

Reactivity	: ISE Deproteinising UDC 57mg Pepsin Vial	No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: ISE Deproteinising UDC 57mg Pepsin Vial	The product is stable. The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.	
Conditions to avoid	: No specific data.	
Incompatible materials	: No specific data.	
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.	

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Not available.

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

Irritation/Corrosion

Not available.

Conclusion/Summary

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

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

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

Sensitization

Not available.

Conclusion/Summary

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

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

Mutagenicity

Not available.

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

Carcinogenicity

Not available.

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

Reproductive toxicity

Not available.

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

Teratogenicity

Not available.

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

Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
57mg Pepsin Vial Pepsin A	Category 3	Not applicable.	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Section 11. Toxicological information

Information on the likely routes of exposure	: ISE Deproteinising UDC 57mg Pepsin Vial	Not available. Not available.
Potential acute health effects		
Eye contact	: ISE Deproteinising UDC 57mg Pepsin Vial	No known significant effects or critical hazards. Causes serious eye irritation.
Inhalation	: ISE Deproteinising UDC 57mg Pepsin Vial	No known significant effects or critical hazards. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin contact	: ISE Deproteinising UDC 57mg Pepsin Vial	No known significant effects or critical hazards. Causes skin irritation.
Ingestion	: ISE Deproteinising UDC 57mg Pepsin Vial	No known significant effects or critical hazards. No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

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
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.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure		
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.
Long term exposure		
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.

Potential chronic health effects

Not available.

Conclusion/Summary	: Not available. Not available.	ISE Deproteinising UDC 57mg Pepsin Vial
General	: Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.	
Carcinogenicity	: No known significant effects or critical hazards.	
Mutagenicity	: No known significant effects or critical hazards.	

Section 11. Toxicological information

Teratogenicity	: No known significant effects or critical hazards.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Not available.

Interactive effects	: 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

Toxicity

Not available.

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

Persistence and degradability

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

Bioaccumulative potential

Not available.

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.

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

Section 13. Disposal considerations

Disposal methods	: The generation of waste should be avoided or minimized 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. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. 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 spilled material and runoff and contact with soil, waterways, drains and sewers.
-------------------------	--

Section 14. Transport information

DOT Classification

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

TDG Classification

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

ADR/RID

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

Section 14. Transport information

IMDG

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

IATA

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

Special precautions for user : ISE Deproteinising UDC

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.

Transport in bulk according to Annex II of MARPOL and the IBC Code

Proper shipping name :
Ship type :
Pollution category :

Section 15. Regulatory information

U.S. Federal regulations : TSCA 8(a) CDR Exempt/Partial exemption: Not determined
United States inventory (TSCA 8b): Not determined.

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

Name	%	EHS	SARA 302 TPQ		SARA 304 RQ	
			(lbs)	(gallons)	(lbs)	(gallons)
ISE Deproteinising UDC Hydrogen chloride	0.05	Yes.	-	-	-	-

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : Immediate (acute) health hazard

Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
57mg Pepsin Vial Pepsin A	13	No.	No.	No.	Yes.	No.

State regulations

Massachusetts : None of the components are listed.

New York : None of the components are listed.

New Jersey : None of the components are listed.

Pennsylvania : None of the components are listed.

International regulations

Chemical Weapons Convention List Schedule I Chemicals : ISE Deproteinising UDC Not listed
57mg Pepsin Vial Not listed

Chemical Weapons Convention List Schedule II Chemicals : ISE Deproteinising UDC Not listed
57mg Pepsin Vial Not listed

Chemical Weapons Convention List Schedule III Chemicals : ISE Deproteinising UDC Not listed
57mg Pepsin Vial Not listed

Section 16. Other information

History

Date of issue/Date of revision : 5/12/2017

Version : 1.05

Key to abbreviations : ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations

▣ Indicates information that has changed from previously issued version.

Notice to reader

Allergen :