

# SAFETY DATA SHEET

### ProteAQ MineralFix

### **Section 1. Identification**

UN number : Not regulated.

Product identifier : ProteAQ MineralFix

Product code : 122000018277

Other means of : 86993988; 90204328; 90201073; 90209525; 90205146; 90205163 identification

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

**Identified uses** : Environmental applications. Specific treatments.

Uses advised against : None known.

Company Name : Elanco Vietnam Company Limited

11 Doan Van Bo Street, 24th Floor

Ward 13, District 4 Ho Chi Minh City, VN

**Telephone number** : +8428 38166266

**Emergency telephone** 

number

: CHEMTREC International: 00 1 703-527-3887 (24 hours)

Email : elanco\_sds@elancoah.com

### Section 2. Hazards identification

Classification of the substance or mixture : ACUTE TOXICITY (oral) - Category 5 SKIN IRRITATION - Category 3 EYE IRRITATION - Category 2B CARCINOGENICITY - Category 1

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (lungs) -

Category 1

Percentage of the mixture consisting of ingredient(s) of unknown acute oral toxicity:

28.5%

Percentage of the mixture consisting of ingredient(s) of unknown hazards to the

aquatic environment: 23.5%

### **GHS label elements**

Hazard pictograms



Signal word : Danger

**Hazard statements** : H303 - May be harmful if swallowed.

H316 - Causes mild skin irritation. H320 - Causes eye irritation. H350 - May cause cancer.

H372 - Causes damage to organs through prolonged or repeated exposure. (lungs)

**Precautionary statements** 

**Prevention**: P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood. P280 - Wear protective gloves, protective clothing and eye or face protection.

P260 - Do not breathe dust or mist.

P270 - Do not eat, drink or smoke when using this product.

P264 - Wash thoroughly after handling.

 Product name :
 ProteAQ MineralFix

 VN : ENGLISH

Version :0.04 Date of revision :27 November 2023

1/11

### Section 2. Hazards identification

Response : P308 + P313 - IF exposed or concerned: Get medical advice or attention.

P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel

P332 + P313 - If skin irritation occurs: Get medical advice or 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 advice or attention.

: P405 - Store locked up. **Storage** 

: P501 - Dispose of contents and container in accordance with all local, regional, **Disposal** 

national and international regulations.

result in classification

Other hazards which do not : May form combustible dust concentrations in air.

# Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Ingredient name	CAS number	%
sodium chloride	7647-14-5	≥10 - ≤29
magnesium chloride	7786-30-3	≥10 - ≤15
calcium chloride	10043-52-4	≥10 - ≤15
potassium chloride	7447-40-7	≤10
crystalline silica, respirable powder	14808-60-7	≤5

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**

**Eye contact** 

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

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 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.

**Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or

wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse. : Wash out mouth with water. Remove dentures if any. If material has been Ingestion

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 necessary, call a poison center or physician. 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

Product name: ProteAQ MineralFix **VN: ENGLISH** 

Version :0.04 Date of revision: 27 November 2023

### Section 4. First aid measures

**Eye contact** : Causes eye irritation.

Inhalation : Exposure to airborne concentrations above statutory or recommended exposure

limits may cause irritation of the nose, throat and lungs.

Skin contact Causes mild skin irritation. Ingestion : May be harmful if swallowed.

Over-exposure signs/symptoms

Eye contact : Adverse symptoms may include the following:

> pain or irritation watering redness

Inhalation : Adverse symptoms may include the following:

respiratory tract irritation

coughing

: Adverse symptoms may include the following: Skin contact

> irritation redness

Ingestion No specific data.

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

: Treat symptomatically. Contact poison treatment specialist immediately if large Notes to physician

quantities have been ingested or inhaled.

**Specific treatments** : No specific treatment.

: No action shall be taken involving any personal risk or without suitable training. If it **Protection of first-aiders** 

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. Wash contaminated clothing

thoroughly with water before removing it, or wear gloves.

### See toxicological information (Section 11)

# Section 5. Fire-fighting measures

### **Extinguishing media**

Suitable extinguishing media

: Use dry chemical powder.

**Unsuitable extinguishing** media

: Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture.

Specific hazards arising from the chemical

: May form explosible dust-air mixture if dispersed.

**Hazardous thermal** decomposition products

: Decomposition products may include the following materials:

sulfur oxides

halogenated compounds metal oxide/oxides

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. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

**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.

Product name : ProteAQ MineralFix **VN: ENGLISH** 3/11 Date of previous issue: 18 September 2023

Version :0.04 Date of revision: 27 November 2023

### 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. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. 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** 

: Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Large spill

: Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor. 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). Avoid exposure obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe dust. Do not ingest. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. 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. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. 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.

Conditions for safe storage, including any incompatibilities

: Store in accordance with local regulations. Store in a segregated and approved area. 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. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. 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. See Section 10 for incompatible materials before handling or use.

Product name : ProteAQ MineralFix VN : ENGLISH

Version :0.04 Date of revision :27 November 2023 Date of prev

## Section 8. Exposure controls/personal protection

#### **Control parameters**

#### **Occupational exposure limits**

Ingredient name	Exposure limits
None.	

### **Biological exposure indices**

No exposure indices known.

# 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. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

# **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. If operating conditions cause high dust concentrations to be produced, use dust 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.

Product name :ProteAQ MineralFixVN : ENGLISH

Version :0.04 Date of revision :27 November 2023

# Section 9. Physical and chemical properties and safety characteristics

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

#### **Appearance**

Physical state
Color
White. Beige.
Odor
Not available.
Odor threshold
PH
Not available.
Melting point/freezing point
Boiling point, initial boiling
Solid. [Powder.]
Not available.
Not available.

point, and boiling range
Flash point : Not applicable.
Evaporation rate : Not available.
Flammability : Not available.
Lower and upper explosion : Not applicable.

Lower and upper explosion limit/flammability limit

Vapor pressure : Not available.
Relative vapor density : Not applicable.
Relative density : Not available.
Solubility(ies) : Not available.

Solubility in water
Partition coefficient: noctanol/water

Not available.Not applicable.

Auto-ignition temperature : Not applicable.

Decomposition temperature : Not available.

Viscosity : Not applicable.

Flow time (ISO 2431) : Not available.

**Particle characteristics** 

Median particle size : Not available.

# Section 10. Stability and reactivity

**Reactivity**: No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability**: The product is stable.

Possibility of hazardous reactions

: Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid** : Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges.

To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Prevent dust

accumulation.

**Incompatible materials**: Reactive or incompatible with the following materials:

oxidizing materials

**Hazardous decomposition** 

products

: Under normal conditions of storage and use, hazardous decomposition products

should not be produced.

Product name :ProteAQ MineralFixVN : ENGLISH

Version :0.04 Date of revision :27 November 2023 Date of revision :27 November 2023

# **Section 11. Toxicological information**

### Information on toxicological effects

### **Acute toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
sodium chloride	LC50 Inhalation Dusts and mists	Rat	>4200 mg/m <sup>3</sup>	1 hours
	LD50 Dermal	Rabbit	>10000 mg/kg	-
	LD50 Oral	Rat	3000 mg/kg	-
magnesium chloride	LD50 Oral	Rat	2800 mg/kg	-
calcium chloride	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	1 g/kg	-
potassium chloride	LD50 Oral	Rat	2600 mg/kg	-
crystalline silica, respirable powder	LD50 Oral	Rat	>22500 mg/kg	-

### **Irritation/Corrosion**

Product/ingredient name	Result	Species	Score	Exposure	Observation
sodium chloride	Eyes - Moderate irritant	Rabbit	-	10 mg	-
	Eyes - Moderate irritant	Rabbit	-	24 hours 100	-
				mg	
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
potassium chloride	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	

### **Sensitization**

Not available.

### **Mutagenicity**

Not available.

### Carcinogenicity

Not available.

### **Reproductive toxicity**

Not available.

### **Teratogenicity**

Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
crystalline silica, respirable powder	Category 1	inhalation	lungs

### **Aspiration hazard**

Not available.

Information on the likely

routes of exposure

: Not available.

### Potential acute health effects

**Eye contact** : Causes eye irritation.

: Exposure to airborne concentrations above statutory or recommended exposure Inhalation

limits may cause irritation of the nose, throat and lungs.

**Skin contact** : Causes mild skin irritation. : May be harmful if swallowed. Ingestion

Product name: ProteAQ MineralFix **VN: ENGLISH** Date of previous issue: 18 September 2023 7/11

Version: 0.04 Date of revision: 27 November 2023

# **Section 11. Toxicological information**

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact**: Adverse symptoms may include the following:

pain or irritation watering redness

**Inhalation** : Adverse symptoms may include the following:

respiratory tract irritation

coughing

**Skin contact**: Adverse symptoms may include the following:

irritation redness

**Ingestion**: No specific data.

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

**Short term exposure** 

Potential immediate : Not available.

effects

Potential delayed effects : Not available.

**Long term exposure** 

Potential immediate : Not available.

effects

Potential delayed effects : Not available.

### Potential chronic health effects

Not available.

General : Causes damage to organs through prolonged or repeated exposure. Repeated or

prolonged inhalation of dust may lead to chronic respiratory irritation.

**Carcinogenicity** : May cause cancer. Risk of cancer depends on duration and level of exposure.

Mutagenicity : No known significant effects or critical hazards.
 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**

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
ProteAQ MineralFix	2132.0	N/A	N/A	N/A	N/A
sodium chloride	3000	N/A	N/A	N/A	N/A
magnesium chloride	2800	N/A	N/A	N/A	N/A
calcium chloride	1000	N/A	N/A	N/A	N/A
potassium chloride	2600	N/A	N/A	N/A	N/A

# **Section 12. Ecological information**

### **Toxicity**

Product name :ProteAQ MineralFixVN : ENGLISHVersion : 0.04Date of revision : 27 November 2023Date of previous issue :18 September 20238/11

# **Section 12. Ecological information**

Product/ingredient name	Result	Species	Exposure
sodium chloride	Acute EC50 2430000 µg/l Fresh water	Algae - Navicula seminulum	96 hours
	Acute EC50 52.64 mg/dm3 Fresh water	Algae - Scenedesmus	72 hours
		quadricauda	
	Acute EC50 519.6 mg/l Fresh water	Crustaceans - Cypris	48 hours
		subglobosa	
	Acute EC50 402.6 mg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute IC50 6.87 g/L Fresh water	Aquatic plants - Lemna minor	96 hours
	Acute LC50 1000000 µg/l Fresh water	Fish - Morone saxatilis - Larvae	96 hours
	Chronic LC10 781 mg/l Fresh water	Crustaceans - Hyalella azteca -	3 weeks
		Juvenile (Fledgling, Hatchling,	
		Weanling)	
	Chronic NOEC 6 g/L Fresh water	Aquatic plants - Lemna minor	96 hours
	Chronic NOEC 0.314 g/L Fresh water	Daphnia - Daphnia pulex	21 days
	Chronic NOEC 100 mg/l Fresh water	Fish - Gambusia holbrooki - Adult	8 weeks
magnesium chloride	Acute EC50 180000 µg/l Fresh water	Crustaceans - Eudiaptomus	48 hours
		padanus ssp. padanus - Adult	
	Acute EC50 140000 μg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 2120 mg/l Fresh water	Fish - Pimephales promelas	96 hours
calcium chloride	Acute EC50 3130000 µg/l Fresh water	Algae - Navicula seminulum	96 hours
	Acute EC50 52000 μg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 270 mg/l Marine water	Crustaceans - Americamysis bahia	48 hours
	Acute LC50 2110 mg/l Fresh water	Fish - Pimephales promelas	96 hours
potassium chloride	Acute EC50 9.24 g/L Fresh water	Algae - Desmodesmus subspicatus	72 hours
	Acute EC50 1337000 µg/l Fresh water	Algae - Navicula seminulum	96 hours
	Acute EC50 141.46 mg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 509.65 mg/l Fresh water	Fish - Danio rerio	96 hours
crystalline silica, respirable powder	LC50 508 mg/l	Fish - Danio rerio	96 hours
	Acute LC50 731 mg/l	Daphnia - Daphnia magna	48 hours

### Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
magnesium chloride potassium chloride	-		Readily Readily

### **Bioaccumulative potential**

Not available.

### **Mobility in soil**

Soil/water partition coefficient (Koc)

: 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.

Product name :ProteAQ MineralFixVN : ENGLISHVersion : 0.04Date of revision : 27 November 2023Date of previous issue : 18 September 20239/11

# **Section 14. Transport information**

	UN	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-
Transport hazard class(es)	-	-	-
Packing group	-	-	-
Environmental hazards	No.	No.	No.

Special precautions for user : 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: Not available.

to IMO instruments

# Section 15. Regulatory information

Decree No. 113/2017/ND-CP - Chemicals to be declared : Applicable

**Toxic classification (TCVN** 

3164-79)

**Inventory list** 

**Viet Nam** All components are listed or exempted.

### Section 16. Other information

**History** 

Date of issue/Date of

revision

**Version** 

: 11/27/2023

Date of previous issue

: 9/18/2023

: 0.04

Key to abbreviations

: ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HMIS = Hazardous Material Information System (U.S.A.)

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)

N/A = Not available

NFPA = National Fire Protection Association (U.S.A.)

SGG = Segregation Group UN = United Nations

Procedure used to derive the classification

Product name: ProteAQ MineralFix **VN: ENGLISH** Version: 0.04 Date of revision: 27 November 2023 10/11 Date of previous issue: 18 September 2023

### Section 16. Other information

Classification	Justification
ACUTE TOXICITY (oral) - Category 5 SKIN IRRITATION - Category 3 EYE IRRITATION - Category 2B CARCINOGENICITY - Category 1 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (lungs) -	Calculation method Calculation method Calculation method Calculation method Calculation method
Category 1	

References : Not available.

▼ Indicates information that has changed from previously issued version.

### **Notice to reader**

As of the date of issuance, we are providing available information relevant to the handling of this material in the workplace. All information contained herein is offered with the good faith belief that it is accurate. THIS SAFETY DATA SHEET SHALL NOT BE DEEMED TO CREATE ANY WARRANTY OF ANY KIND (INCLUDING WARRANTY OF MERCHANT ABILITY OR FITNESS FOR A PARTICULAR PURPOSE). In the event of an adverse incident associated with this material, this safety data sheet is not intended to be a substitute for consultation with appropriately trained personnel. Nor is this safety data sheet intended to be a substitute for product literature which may accompany the finished product.

For additional information contact:

Elanco Animal Health 0011+1-877-352-6261 0011+1-800-428-4441

Product name :ProteAQ MineralFixVN : ENGLISHVersion : 0.04Date of revision :27 November 2023Date of previous issue :18 September 202311/11