Material Safety Data Sheet

"Regulation on Information Forms on Hazardous Substances and Mixtures (Official Gazette on Regıstratıon, Evaluatıon, Authorızatıon And Regıstratıon Of Chemıcals 30105 Regulatıon On Restrıctıons) and (EU) 2020/878

AMINO ACID MINERAL (SCORPION VENOM)

Version: 1.0 *Print Date* 12.11.2024

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Trade Name	***AMINO ACID MINERAL (SCORPION VENOM)***
Uses	*Venom*

1.2 Relevant Identified Uses Of The Product And Uses Advised Against

Uses Advised Against	*N/A*

1.3 Details Of The Supplier and Distribition Of The Safety Data Sheet

Supplier Name	*BTG Grup Akrep Zehiri Üretimi İnşaat Toplu Tüketim Malları İthalat İhracat Sanayi Ticaret Limited Şirketi*
Address	*Kadıkendi mah. 8737 Cd. Karma Sitesi D blok No: 4/p Eyyübiye Şanlıurfa*
Mail	*info@btggrup.com.tr*

1.4 Details Of The Manufacturer Of The Safety Data Sheet

Supplier Name	*BTG Grup Akrep Zehiri Üretimi İnşaat Toplu Tüketim Malları İthalat İhracat Sanayi Ticaret Limited Şirketi*
Address	*Kadıkendi mah. 8737 Cd. Karma Sitesi D blok No: 4/p Eyyübiye Şanlıurfa*
Mail	*info@btggrup.com.tr*

1.5 Emergency Telephone Number

911

Contact Person

Tuğrul Yazla

2. HAZARDS IDENTIFICATION

2.1. Classification According to Regulation

Acute Tox. 2 H300
Acute Tox. 2 H310
Acute Tox. 1 H330

2.2. Label Elements

2.2.1. Labeling According to Regulation

Product Identifier *Danger*

Hazard Pictograms

H300 + H310 + H330 Fatal if swalled, in contact with skin or if inhaled.

Hazard Statement(s)

GHS06

General

P101 If medical advice is needed, keep the container or label.
P103 Read label before use

Intervention

P330 Rinse mouth with water.
P301+P330+P331 Rinse mouth if swallowed. Do not try to vomit.

2.3. Additional Information

No information

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Description Of The Substance

The compound product

3.2 Hazardous ingredients

Chemical Name	*EINECS[2] NO- CAS[3] NO.*	*CONTENT %*	*CLASSIFICATION CLP*
Oxidase, l-amino acid	*232-564-0 9000-89-9*	*<=100*	*Acute Tox. 2 H300 Acute Tox. 2 H310 Acute Tox. 1 H330*

3.2.1 Additional information

M-Factor: Not Specified
Specific Concentration Limits: Not Specified

3.2.2 Additional warnings:

All the explanations for damage related to the subject are given in Chapter 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1 General information

If an unexpected situation occurs show this safety data sheet to the doctor in attendance.
All do not leave the wounded alone

4.1.2 Following inhalation (Produuct)

If inhaled, remove casualty to fresh air. If breathing has stopped, give artificial respiration.

4.1.3 Following skin contact(Product)

Wash with soap and plenty of water.

4 .1.4 Following eye contact(Product)

As a precaution, flush eyes with water.

4.1.5 Following ingestion(Product)

Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.1.6 Self-protection of the first aider

Take precautions applied to general chemistry

4.1.7 Notes for the doctor

Treat symptomatically.

4.2 First Signs for Medical Intervention and Special Treatment Needs

Apply symptomatic treatment.

5. FIRE FIGHTING MEASURES

5.1 Fire extinguishers:

Suitable Extinguishing: *If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).*
Incompatible: *This material may burn, but will not ignite readily.*

Other Explanations: *No information*

5.2 Special Losses Resulting from Article or Mixture:

Losses Related to following Combustion materials: *No information*

Losses Related to Type Explosion: *No fire or explosion hazard.*

Losses related to reactivity: *No information*

Other Explanations: *No information*

5.3 Recommendations for Fire Fighting Squads:

Fire Fighting Instructions*: Isolate danger area, keep unauthorized personnel out. Contain spill if it can be done with minimal risk. Move undamaged containers from danger area if it can be done with minimal risk. With water, cool equipment exposed to fire if it can be done with minimal risk.*

Protective Equipment for Personnel involved in the fight against fire: *Emergency responders in the danger area should wear bunker gear and self-contained breathing apparatus for fires beyond the incipient state (29CFR 1910.156). In addition, wear other appropriate (For production) protective equipment as conditions warrant*

Other Explanations: *No information*

5.4 Other informations

No information

6.ACCIDENTAL AGRICULTURAL PREVENTION

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Exposure controls and personal protective measures as described in section 8.

Protective Equipment	*Wear appropriate protective equipment, including respiratory protection, as conditions warrant.*
Other Explanations	*No information*

6.1.2 For Persons Interfering in an Emergency

Protective Equipment	*Wear appropriate personal protective equipment.*
Emergency Procedures	*No information*
Other Explanation	*No information*

6.1.1 For Non Emergency Personnel

No data

6.2 Environmental Precautions:

Prevent spilled material from entering sewers, storm drains, other unauthorized treatment drainage systems, and natural waterways.

6.3 Methods and Materials for Conservation and Cleaning:

Comply with local regulations.

Place the contaminated material in a suitable container and dispose of according to item 13.

Cleanup under expert supervision is advised. Minimize dust generation. Sweep up and package appropriately for disposal

6.4 Other Information:

Comply with local regulations.

6.5 References to Other Departments:

Information on safe handling is obtained from Chapter 7.

Information on personal protective equipment is given in section 8.

Information on liquidation is obtained from Chapter 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

No special precautions required.

7.1.1 General Handling Recommendations:

7.1.1.1 Warnings for Safe Handling

Advice on safe handling

Work under hood. Do not inhale substance/mixture.

Hygiene measures

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.

For precautions see section 2.2.

Conditions for safe storage, including any incompatibilities

Storage conditions

Tightly closed. Dry. Keep in a well-ventilated place. Keep locked up or in an area accessible only to qualified or authorized persons.

Storage stability *Recommended storage temperature -20 °C*

Storage class

Storage class (TRGS 510): 6.1A: Combustible, acute toxic Cat. 1 and 2 / very toxic hazardous materials

Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

7.1.1.2 Warnings Regarding Disputes of Substance or Mixtures

No information

7.1.1.3 Environment Related Alerts

No information

7.1.1.4 Additional Notices

No information

7.1.2 Recommendations for General Occupational Hygiene:

Eating, drinking and smoking should be prohibited during fertilization. Workers should wash their hands before eating, drinking or smoking. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for Safe Storage Including Conflicts:

Storage Conditions *Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.*

Common Storage Terms *No information*

Incompatible Materials *No information*

7.2.1 Advice on general occupational hygiene *No information*

7.3 Specific End uses: *No information*

8.EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protective Equipment (PPE):

Exposure limit values "T.R. No. 30105 dated 23.06.2017" It is regulated in accordance with the provisions of the Ministry of Environment and Urbanization Regulation on Registration, Evaluation, Permission and Restriction of Chemicals."

Respiratory: *Respiratory protection is not required. Use (EN143) type dust masks to avoid irritating dust levels. Use relevant devices and supplies such as NIOSH (United States) or CEN (European Union).*

Skin: *Wear gloves when handling. Gloves should be checked before use. Use the correct glove removal method (without touching the outer surface of the glove) to avoid skin contact with this product. Contaminated gloves should be disposed of in accordance with good laboratory practice and compliance. Wash and dry your hands. The selected protection gloves must comply with the EU 2016/425 Regulation and the EN 374 standard prepared based on this regulation.*

Eye/Face*: Use eye protection equipment tested and approved in accordance with standards such*

as NIOSH (US) or EN 166 (EU).
Other Protective Equipment: *Since the product consists of pure substances, it does not require any special precautions.*
Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses
Skin protection
Choose appropriate body protection according to the type, concentration and amount of the hazardous substance as well as the workplace conditions. The type of protective equipment should be determined according to the amount and concentration of the dangerous substance according to each workplace.
Full contact
Material: Nitrile rubber
Minimum layer thickness: 0,11 mm
Break through time: 480 min
Material tested:KCL 741 Dermatril® L
Splash contact
Material: Nitrile rubber
Minimum layer thickness: 0,11 mm
Break through time: 480 min
Material tested:KCL 741 Dermatril® L
Body Protection *Protective clothing*
Respiratory protection
required when dusts are generated.
Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.
Recommended Filter type*: Filter type P3*
The entrepeneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer.
These measures have to be properly documented.
Control of environmental exposure
Be careful not to mix into the sewer.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Important health, safety and environmental information

9.2 Appearance

Form	*Liquid*
Color	*Transparent*
Odor	*Characteristic*

9.3 Safety relevant basic data

Resolution (g/L)	*Soluble*
pH (20°C)	*3,5*
Specific Gravity	*No data available*
Percent Volatile	*No data available*
Solubility	*Negligible*
Bulk Density @ 20°C (g/cm^3)	*Not applicable.*
Flash Point(Closed Cup) (˚C)	*Not applicable*
Partition coefficient: n-octanol/water (log Pow)	*No data available*

Note *: The above properties are determined according to the methods prescribed in Annex-1 Part A of the Annex-I Regulation on Test Methods to be Applied in Determination of the Physico-Chemical, Toxicological and Ecotoxicological Properties of the Materials and Mixtures, or other comparable method.*

10. STABILITY AND REACTIVITY

10.1 Reactivity

None

10.2 Chemical stability

This material is thermally stable when stored and used as directed.

10.3 Hazardous Decomposition

None

10.4 Conditions to Avoid: *(The temperature at which hazardous reactions may occur is under the conditions to avoid such as pressure, light, shock, etc.):*

Elevated temperatures and sources of ignition.

10.5 Substances to be avoided: *(Conditions relevant to water, air, acids, bases, oxidizing agents or any other special substances which may cause a hazardous reaction):*

No special precautions required

10.6 Hazardous decomposition products

Hazardous Decomposition Materials:

Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

LD50 Intraperitoneal – Mouse - 0.51 mg/kg

Notes: *Accelerated Respiration, Hyperactivity, Aggression, Itching Symptoms, Increased Climbing Behavior*

LD50 Intramuscular - Mouse - 6.87 mg/kg

Notes: *Behavior: Rhythmic muscle contractions, Cyanosis, Sweating*

Respiratory or skin sensitization

Prolonged or repeated exposure may cause allergic reactions in some individuals with sensitivities.

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: None of the ingredients of this product, which is 0.1% or greater, have been identified by the IARC as a probable, probable, or approved carcinogen.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: *This material has been classified as non-hazardous.*

Long-term aquatic hazard: *This material has been classified as non-hazardous*

Ecotoxicity: *No information available.*

Persistence and degradability: *No information available.*

Bioaccumulative potential: *No information available.*

Mobility: *No information available.*

LD50 Intraperitonal Rat 0,496 mg/kg

LD50 IntramuskulerRat 6,53 mg/kg

13. DISPOSAL CONSIDERATIONS

13.1 Product / Packaging disposal

Waste and used packaging must be disposed of in accordance with official regulations.
Prevent ground and underground waters, drinking water sources

13.2 Contaminated packaging

The generation of waste should be avoided or minimized as much as possible. must be downloaded.

13.3 Recommended Cleansing Material:

This material and its container must be disposed of in a safe manner. Personnel should use protective clothing. In the selection of protective clothing, care should be taken to protect the skin on the neck and wrists against inflammation and irritation that may occur as a result of contact with the powder. Avoid dispersal of spilled material, runoff and contact with garbage, drains, sewers. Product residue may remain on empty containers or lining materials.

13.4 Additional Information:

The generation of waste should be avoided or minimized as much as possible. Incineration or burial should only be considered where recycling is not feasible.
There is no dangerous transport phrase.

14.TRANSPORT INFORMATION

	ADR[7]/RID[8]	ADNR[9]	IMDG[10]	ICAO[11]/IATA[12]
14.1 UN/ ID No. TRANSPORTATION	3462	3462	3462	3462
PROPER SHIPPING NAME	UN3462, TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S., (Tetrodotoxin), 6.1, I			
SYMBOL				
14.3. CLASS	6.1			
14.4 PACKAGING GROUP	I -			
HAZARD NO (HIN NO)	UN3462, TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S., (Tetrodotoxin), 6.1, I			
PASSENGER & CARGO AIRCRAFT MAXIMUM NET QUANTITY	Special provisions (SP): 210, 274 Excepted quantities (EQ): E5 Limited quantities (LQ): 0			
14.5 EmS	F-A, S-A			
14.6 MARINE Pollutant	No	No	No	No

Road Transport Notes:
International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information
Proper shipping name: *Toxins, extracted from living sources, solid, n.o.s.*
Particulars in the shipper's declaration: *UN3462, Toxins, extracted from living sources, Solid, n.o.s., (Tetrodotoxin), 6.1, I*
Danger label(s) 6.1
Special provisions (SP) A3, A43
Excepted quantities (EQ) E5
The product does not have international regulations on the transport of dangerous goods (IMDG, IATA, ADR / RID). A warning sign for transport is also not required.

15.REGULATORY INFORMATION

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

Product; Classified and labeled according to the procedures and principles stipulated in the "Regulation on the Classification, Labeling and Packaging of the Products and Mixtures" and "in the EU legislation"

Examine the following regulations for other national measures that may be relevant to legislation or interest for the implementation of the provisions of this safety data sheet.

Regulation on Safety Data Sheets for Hazardous Substances and Mixtures

Regulation on the Classification, Labeling and Packaging of Matter and Mixtures

Regulation on the Restriction and Prohibition of Hazardous Substances and Mixtures

Law on Occupational Health and Safety

Regulation on Health and Safety Precautions in Carcinogenic and Mutagenic Activities

Regulation on Health and Safety Precautions in Working with Chemical Substances

Regulation on the Use of Personal Protective Equipment in
Workplaces Hand Carrying Works Regulation

Waste Management Regulation

Regulation on the Prevention and Reduction of Major Industrial Accidents

16.OTHER INFORMATION

16.1 Other information

This document has been prepared and documented in accordance with the provisions of Regulation (EC) No 1907/2006 (REACH) and ISO 11014-1, "Regulation on Safety Data Sheets for Hazardous Substances and Mixtures" dated December 13, 2014 and approved. Expert Accreditation No:Chemical Engineer Fulya Ünal
TÜV/ 11.234.01

16.2 Reason of re-issue

First issue

16.3 Classification For Mixtures And Used Evaluation Method According To ;

"Regulation on Information Forms on Hazardous Substances and Mixtures (Official Gazette on Regıstratıon, Evaluatıon, Authorızatıon And Regıstratıon Of Chemıcals 30105 Regulatıon On Restrictıons) and (EU) 2020/878

***16.4 Explanations on the Methods of Classification of Hazardous** Dissatisfaction (Which of the methods of assessing the information set out in Article 11 of the Regulation on Classification, Labeling and Packaging of Materials and Mixtures are used for classification purposes)*

16.5 Other Topics:

- *Contact our sales department for suggestions on safe use of the product.*
- *Contact our sales department for recommended limitations on the use of the product and for non-legal recommendations.*
- *It is advisable to obtain appropriate training for workers to read and use safety data sheets and labeling information in a clear way, in order to protect the human health and environment against product exposure and general safety culture.*
- *Key information sources used in the arrangement of this safety data sheet;*
  - *Safety Information Form / Forms prepared by the manufacturer for the product*
  - *"Regulation on Safety Data Sheets for Hazardous Substances and Mixtures" and annexes,*
  - *"Regulation on the Classification, Labeling and Packing of Materials and Mixtures" and its annexes*
  - *"Regulation on Health and Safety Precautions for Carcinogenic and Mutagenic Activities" and its annexes,*
  - *Other relevant local regulations*
  - *UN ADR, IMDG, IATA lists, ECHA and related EU directives,*

Other helpful resources.

16.6Additional Information:

• The information provided in this Safety Data Sheet was prepared based on our best available experience, knowledge and belief on the date of its preparation.

• The information provided is designed as a guide for safe handling, handling, handling, storage, disposal and disposal.

• This information applies only to the specified substance / mixture, unless otherwise specified in the documentation, and may not apply if this substance is used in combination with other substances or if any other procedure is used.

• Please observe the information on the Safety Data Sheet for use.

This information is based on our current knowledge.

This Safety Data Sheet defines the product according to the recognized safety regulations, but does not guarantee the safety of the product.

It does not constitute a guarantee and the product specifications do not establish a legally valid contractual relationship.

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[1] RG: Official newspaper
[2] EINECS: Kimyasal maddelerin Avrupa Envanteri
[3] CAS: Kimyasal maddelerin servis kayıt numarası
[4] PBT: Persistent Bioaccumulative Toxic
[5] VPVB: Very Persistent, Very Bioaccumulative
[6] BCF: Bioconcentration Factor
[7] ADR: Accord Dangereux Routier (European regulations concerning the international transport of dangerous goods by road)
[8] RID: Regulations Concerning the International Transport of Dangerous Goods by Rail (European law)
[9] ADNR: Regulation for the Carriage of Dangerous Substances on the Rhine (EU)
[10] IMDG: International Maritime Dangerous Goods (United Nations)
[11] ICAO: International Civil Aviation Organization