

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product form: Round Tan Tablet embossed "049"
Product name: Zinc & Methionine Tablet

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

Use of the substance/mixture: For use as a nutritional supplement for companion animals. This product is not for human consumption. Refer to the safety data sheet regarding safety, usage, applications, hazards, procedures, and disposal of this product before use.

1.3 Details of the supplier of the safety data sheet

Name: TBL, Inc. (DBA Tabs Limited)
Address: P.O. Box 7176
St. Joseph, MO 64507

Telephone: 816-233-5487

1.4 Emergency telephone number:

Contact: Chemtrec 1-800-424-9300
(Chemtrec is available days, nights, weekends and holidays.)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS-US classification: GHS Classification in accordance with 29 CFR 1910 (Osha HCS)

- 1. Eye Irritation – Category 2A
- 2. Carcinogenicity – Category 2
- 3. Specific target organ toxicity – repeated exposure, inhalation – Category 2

2.2 Label Elements

GHS-US Labeling:



Hazard pictograms (GHS-US):

Signal word (GHS-US): Warning

Hazard Statements (GHS-US): H373 May cause damage to organs through repeated long exposure.
H335 May cause respiratory irritation.
H351 Suspected of causing cancer.

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Precautionary statements (GHS-US):

P103 Read label before use.
P202 Do not handle until all safety precautions have been read and understood.
P233 Keep container tightly closed.
P261 Avoid breathing dust/fumes/gas/mist/vapors/spray.
P264 Wash hands thoroughly after handling.
P302 If on skin: remove contaminated clothing and was thoroughly with water. Launder contaminated clothing before reuse.
P304 If inhaled remove person to fresh air and keep comfortable for breathing.
P402+404 Store in a dry place. Store is a closed container.
P501 Dispose of contents/container in accordance with all state, local and federal regulations.

2.3 Other Hazards

Other hazards not contributing to the classification: None

2.4 Unknown Acute Toxicity (GHS US)

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Name: ZinPro Tablet

3.2 Mixture

Name	Product identifier	%	GHS-US Classification
DL Methionine	59-51-8	>3%	Not Classified
Ground Limestone	1317-65-3	>3%	Not Classified
Zinc Proteinate	56329-42-1	>4%	Not Classified
Unical "M"	471-34-1	>27%	Not Classified
Whey	92129-90-3	>52%	Not Classified

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

First-aid measures general:

First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact: Remove contaminated clothing and was thoroughly with water. Launder contaminated clothing before reuse.

First-aid measures after eye contact: If eye irritation persists get medical advice/attention.

First-aid measures after ingestion: Rinse mouth. If exposed or concerned get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

The most important symptoms and effects are described in the labeling (see section 2.2) and/or in section 11. This mixture/tablet has not been tested as a whole. Components whose effects contribute to the GHS classification in section 2.2 are described below in detail.

Ground Limestone: Irritant to skin, eyes and mucous membranes. Components suspected of causing cancer at high exposures.

ZinPro 180: Prolonged contact may irritate (mild pain and redness) skin, eyes, and mucous membranes. Prolonged inhalation may cause irritation of nose, mouth, & throat.

Symptoms/injuries after inhalation: Mild pain and shortness of breath that alleviates quickly in fresh air.

Symptoms/injuries after skin contact: Mild pain and redness.

Symptoms/injuries after eye contact: Mild pain and redness.

Symptoms/injuries after ingestion: None under normal quantities.

Chronic symptoms: None.

4.3 Indication of any immediate medical attention and special treatment needed

Treat patients symptomatically and supportively

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

As appropriate for surrounding materials.

5.2 Special hazards arising from the substance or mixture

Respiratory protection against potential for metal fumes

5.3 Advice for firefighters

Metal compounds: do not mix with acids or caustics unless under controlled conditions

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions protective equipment and emergency procedures

Wear dust mask, goggles, and chemical resistant gloves to avoid inhalation or contact.

6.1.1 For non-emergency personnel

Protective equipment: Wear dust mask, goggles, and chemical resistant gloves to avoid inhalation or contact.

6.1.2 For emergency responders

Protective equipment: Dust mask, goggles, and chemical resistant gloves

Emergency procedures: Treat patients symptomatically and supportively

6.2 Environmental precautions:

6.3 Methods and material for containment and cleaning up:

Recover uncontaminated material for reuse. Vacuum or sweep remaining waste, keeping dust to a minimum. Place in covered container for transport.

6.4 Reference to other sections:

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

Additional hazards when processed: None known
 Precautions for safe handling: Use good industrial hygiene when handling this product.
 Hygiene measures: Dust mask, goggles, and chemical resistant gloves.

7.2 Conditions for safe storage including any incompatibilities:

Storage conditions: Store in a cool, dry place out of direct sunlight.
 Incompatible products: None known
 Incompatible materials: Strong acids or bases.
 Storage area:
 Packaging materials: Store in original container. Do not reuse container.

7.3 Specific end use(s)

No additional information available

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters

Name	CAS #	Value	Control Parameter	HAP/SARA313
Ground Limestone	1317-65-3	OSHA PEL (TWA) (mg/m ³)	15mg/m ³ TWA (Total Dust)	N / Y
		OSHA PEL (TWA) (mg/m ³)	5 mg/m ³ (respirable fraction)	
DL Methionine	59-51-8	OSHA PEL (TWA) (mg/m ³)	15mg/m ³ TWA (Total Dust)	N / Y
Zinc Proteinate	56329-42-1	OSHA PEL (TWA) (mg/m ³)	15mg/m ³ TWA (Total Dust)	N / Y
Unical "M"	471-34-1	OSHA PEL (TWA) (mg/m ³)	15mg/m ³ TWA (Total Dust)	N / N
		OSHA PEL (TWA) (mg/m ³)	5 mg/m ³ (respirable fraction)	

8.2 Exposure controls

Appropriate engineering controls: Handle in accordance with good industrial hygiene practices. Wash hands thoroughly after contact with soap and water. When at all possible use equipment to minimize the exposure risk by all means of contact.

Personal protective equipment:
 Materials for protective clothing: Sturdy clothing impervious to chemicals
 Hand protection: Handle with gloves to mitigate exposure. Gloves must be inspected prior to use.
 Eye protection: Tightly fitting safety goggles or minimum 8 inch face shield approved by NIOSH.
 Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use full face respirator, dust mask or half respirator with the appropriate cartridges of filters, approved by NIOSH, as a backup to engineering controls.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state: Solid
 Appearance: Round tablet embossed on one side "049"
 Color: Tan to Medium Brown

Odor: Medium Methionine odor
Odor threshold: N/A
pH: Solid
Relative evaporation rate (butylacetate=1): Solid
Melting point:
Freezing point:
Boiling point:
Flash point:
Self-ignition temperature:
Decomposition temperature:
Flammability (solid, gas):
Vapor pressure:
Relative vapor density at 20° C:
Relative density:
Density:
Solubility: Mostly soluble in water
Log Pow:
Log Kow:
Viscosity, kinematic:
Viscosity, dynamic:
Explosive properties:
Oxidizing properties:
Explosive limits:

9.2 Other information

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Reasonably unreactive under normal conditions

10.2 Chemical stability

Reasonably stable under normal conditions

10.3 Possibility of hazardous reactions

Strong acids or bases may cause release of heavy metals

10.4 Conditions to avoid

High temperatures/incineration, presence of strong acids or bases.

10.5 Incompatible materials

10.6 Hazardous decomposition products

May release heavy metal vapors under certain decomposition environments

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Skin corrosion/irritation:	Possible irritation
Serious eye damage/irritation:	Possible irritation
Respiratory or skin sensitization:	Possible sensitization
Germ cell mutagenicity:	None known
Carcinogenicity:	Possible
Reproductive toxicity:	None known
Specific target organ toxicity (single exposure)	Possible irritation
Specific target organ toxicity (repeated exposure)	Possible irritation

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Aspiration hazard:	Possible irritation
Symptoms/injuries after inhalation:	Lung irritation, shortness of breath
Symptoms/injuries after skin contact:	Skin irritation or redness

Symptoms/injuries after eye contact:	Eye irritation or redness
Symptoms/injuries after ingestion:	None known
Chronic symptoms:	None Known

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

This mixture/tablet has not been tested as a whole. This product is considered reasonably safe under normal conditions and under normal usage.

12.2 Persistence and degradability

No data available

12.3 Bio accumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste disposal recommendations: Offer surplus non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Determine waste status prior to disposal in accordance with federal, state and local regulations.

Additional information:
Ecology – waste materials:

SECTION 14: TRANSPORT INFORMATION

In accordance with ADR/RID/IMDG/IATA

14.1 UN number

UN-No. (DOT)	Not dangerous goods
DOT NA no.:	Not dangerous goods

14.2 UN proper shipping name

DOT Proper Shipping Name:

Department of Transportation (DOT) Hazard:
Classes
Hazard Label (DOT):

DOT Symbols:
Packing group (DOT):

DOT Special Provisions (49 CFR 172.102)

DOT Packaging Exceptions (49 CFR 173.xxx):

DOT Packaging Non Bulk (49 CFR 173.xxx):

DOT Packaging Bulk (49 CFR 173.xxx):

14.3 Additional Information

Other information:

Overland transport

Transport by sea

DOT Vessel Stowage Location:

DOT Vessel Stowage Other:

Air Transport

DOT Quantity Limitations Passenger aircraft/rail:

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)

SECTION 15: REGULATORY INFORMATION

15.1 US Federal regulations

15.2 International regulations

CANADA

EU-Regulations

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC

15.2.2.National Regulations:	SARA 302	No required reporting
	SARA 313	This material does not contain any chemical components with CAS numbers that exceed the minimum reporting levels established by SARA Title III, section 313
	SARA 311/312	Acute health hazard, Chronic health hazard

15.3 US State Regulations

New Jersey Right to Know Components: Ground Limestone, Zinc chelate, Silica

Pennsylvania Right to Know Components: Ground Limestone, Zinc chelate, Silica

Massachusetts Right to Know Components: Ground Limestone, Zinc chelate, Silica

California Prop. 65 Components: WARNING! This product contains a chemical known to the state of California to cause cancer Quartz (crystalline silica)

SECTION 16: OTHER INFORMATION

16.1 Preparation Information:

Revision:	Original
Revision Date:	5/27/2015
Approval Date:	5/27/2015
Replaces Revision:	N/A
Replaces Revision Date:	N/A

16.2 Further Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of knowledge and is applicable to the product with regard to appropriate safety precautions. No expressed or implied warranty is made with regard to the accuracy of such data or its suitability for a given situation. Such data relates only to the specific product and not to such product in combination with any other product. TBL, Inc. (DBA Tabs Limited) disclaims all liability for actions taken for forgone reliance of such data.