

# Safety Data Sheet:

# Aminopentol (Hydrolyzed Fumonisin B1)

# Identification of the substance/mixture and of the Company

Product identifiers			
Product name	Aminopentol	Formula	C22H47NO5
<b>Product Code</b>	HFB1	RTECS	N.A.
CAS#	145040-09-1	Molecular weight	405.6 g/mol
EC Number #	N.A.		

### Intended uses of the substance or mixture and uses advised against

Intended use Uses advised against: Only for Research and/or Development Not for drug. Not to be used in humans or animals. Not food additive Details of the supplier of the safety data sheet **Emergency Telephone number** Tel: +972 2 5853953

FERMENTEK ltd 4 Yatziv street, POB 47120 Jerusalem 97800, Israel

Fax: +972 2 5853943 eMail: fermentek@fermentek.com Website: www.fermentek.com

For chemical emergency spill, leak, fire, exposure, or accident calls CHEMTREC day or night: Within USA and Canada: 1-800-424-9300. Outside USA and Canada: +1 703-527-3887

This company is the manufacturer of the product, and the supplier of the safety data sheet

Reach: A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

#### Hazards identification Section 2.

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122).

### Classification of the substance or mixture

### **GHS Classification:**

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

### GHS Label elements, including precautionary statements

Pictogram: {None} Signal word: {Not classified}

#### Composition/information on ingredients Section 3.

#### Substance

Substance name:	Aminopentol (Hydrolyzed Fumonisin B1)	Aminopentol (Hydrolyzed Fumonisin B1)	
	CAS Registry #: <b>145040-09-1</b>		
	Molecular Formula: C22H47NO5		
	Concentration: ≤ 100%		

Mixture: Not mixture.

#### Section 4. First Aid Measures

#### Description of First Aid Measures

General advice: If medical attention is required, show this safety data sheet to the doctor.

Eye contact: Wash with plenty of water.





Skin Contact: Wash off with soap and plenty of water.

Do NOT induce vomiting. Call a physician or poison control center immediately. Never Ingestion:

give anything by mouth to an unconscious person. Drink plenty of water. Clean mouth

with water and drink afterwards plenty of water. Call a physician

Inhalation: Medical attention may be required. If symptoms persist, call a physician

Self-protection of the

Use personal protective equipment as required. Avoid contact with skin, eyes or first aider: clothing. Ensure that medical personnel are aware of the material(s) involved, take

precautions tob protect themselves and prevent spread of contamination.

Note to physicians Treat symptomatically

# Section 5. Fire-fighting measures

### **Extinguishing media**

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	None
Hazardous combustion products	Carbon oxides, Nitrogen oxides.
Advice for firefighters	Wear self-contained breathing apparatus for fire fighting if necessary. Wear protective suit.

### Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment as required. Keep people away from and

upwind of spill/leak.

**Environmental precautions** 

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Prevent product from

entering drains.

Methods and material for containment and cleaning up

Methods for containment: Prevent further leakage or spillage if safe to do so. Cover powder spill with

plastic sheet or tarp to minimize spreading. Dike far ahead of liquid spill for

later disposal.

Methods for cleaning up: Cover liquid spill with sand, earth or other non-combustible absorbent material

> (e.g. sand, earth, diatomaceous earth, and vermiculite). Cover powder spill with plastic sheet or tarp to minimize spreading. Sweep up and shovel into suitable

containers for disposal.

#### Section 7. Handling and storage

### Precautions for safe handling

Advice on safe handling: Avoid contact with skin, eyes or clothing. Use personal protective

equipment as required. Wash contaminated clothing before reuse. Do not breathe dust/fume/gas/mist/vapors/spray.

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

#### Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep container tightly closed in a dry and well-ventilated place.

Keep out of the reach of children.

Store at -20 °C, Protect from sunlight. Protect from moisture

Incompatible materials: None known based on information available.

#### Section 8. Exposure Controls/Personal Protection

No occupational exposure limits are listed for this material. **OSHA Permissible Exposure Limits** No Data Available **NIOSH Recommended Exposure Limits** No Data Available **ACGIH Threshold Limit Values** No Data Available

### **Exposure controls**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.





#### Appropriate engineering controls

Engineering Controls Showers, Eyewash stations, Ventilation systems

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Use fumehood for routine work.

#### Personal protective equipment

The employer/end user, prior to use of this product should perform all recommendations below are advisory in nature and a risk assessment. The type of protective equipment must be selected based on the amount and concentration of the dangerous material being used in the workplace.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

#### [PPE=Personal Protection Equipment]

PPE Eye/face protection	Wear safety glasses with side shields (or goggles).
PPE Skin and Body Protection	Wear protective gloves and protective clothing.
PPE Respiratory Protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.  Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations.  Respiratory protection must be provided in accordance with current local

regulations.

# Section 9. Physical and chemical properties

### Physical / chemical properties

Physical State at room temperature	Solid / powder	
Color	Yellow film	
Melting/freezing point	N.A.	
No further safety relevant data are available		

### Section 10. Stability and reactivity

Reactivity:

Chemical stability:

Conditions to avoid

Incompatible materials

Possibility of Hazardous Reactions

Hazardous decomposition products:

No information available.

Stable under normal conditions.

Heat, flames and sparks. Sunlight.

Strong reducers and exidizers

None under normal processing

Carbon oxides, Nitrogen oxides

# Section 11. Toxicological information

### Information on toxicological effects

The toxicological effects of this product have not been thoroughly studied.	
Acute Toxicity	
Ingestion	No data available
Inhalation	No data available
Serious eye damage/eye irritation:	No data available
Skin corrosion/irritation:	No data available
Respiratory or skin sensitization:	No data available
Germ cell mutagenicity:	No data available
Reproductive toxicity / Teratogenicity:	No data available





Aspiration hazard:	No data available
Additional information:	RTECS: N.A.
Contaminated packaging	Dispose of as unused product

# Section 12. Ecological Information

Eco-ToxicityNo further relevant information availableOther adverse effectsNo further relevant information available.

# Section 13. Disposal Considerations

Waste treatment methods	
Waste from residues / unused products	Dispose of in accordance with local regulations.  Material may be dissolved in methanol and injected into chemical incinerator
Contaminated packaging	Dispose of as unused product

# Section 14. Transport information

### UN number, Proper Shipping Name, Transport Hazard Class, packing group

	US DOT	ADR/RID:	IMDG:	IATA
UN Number; UN proper shipping name	Not regulated Not dangerous goods			
Transport Hazard Class; & Packing Group				

# Section 15. Regulatory information

Safety, health and environmental regulations/legislation		
USA EPA / TSCA	This product is not listed on the USA EPA TSCA	
EU ECHA Status	This product is not registered with the EU ECHA	
CA: DSL/NDSL Status	This product is not listed on the Canadian DSL/NDSL	

# Section 16. Other information

- Date of First version: 8 november, 2018
- Department issuing this sheet: Regulatory affairs.

#### Disclaime

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given here is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of SDS** 

