

# Safety Data Sheet: *DMAPT*

## 1. Identification of the substance and of the Manufacturer

<b>1.1. Product identifiers</b>			
Product name	<a href="#">DMAPT</a>	Formula	C <sub>17</sub> H <sub>27</sub> NO <sub>3</sub>
Product Code	DMP	RTECS	Not listed as on 8-2022
CAS #	791595-09-0	Molecular weight	293.40
EC Number #	Not listed as on 8-2022	Substance? Mixture?	Substance
Synonyms	Dimethylamino Parthenolide		
Source	Synthetic	Date of version	20 October, 2022
<b>1.2. Intended uses of the substance or mixture and uses advised against</b>			
<b>1.2.1. Intended uses</b>		<b>1.2.2. Uses advised against</b>	
For research For laboratory use as an analytical standard For manufacturing of substances For further processing		Not a drug Not a food additive Not for use in humans	
<b>1.3. Details of the supplier of the SDS</b>			
FERMENTEK ltd 4 Yatziv street, POB 47120 Jerusalem 97800, Israel		Tel: +972 2 5853953 Fax: +972 2 5853943 eMail: <a href="mailto:Fermentek@Fermentek.com">Fermentek@Fermentek.com</a> <a href="mailto:Safety@Fermentek.com">Safety@Fermentek.com</a> Website: <a href="http://www.Fermentek.com">www.Fermentek.com</a>	
<b>1.4. Emergency Telephone number</b>			
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			
<b>1.5. Reach:</b>			
Not listed as on 8-2022			

## 2. Hazards' identification

<b>2.1. Classification of the substance or mixture</b>	
<b>2.1.1. GHS Classification According to EU Reg. 1272/2008 and US OSHA 1910.1200)</b>	
Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.	
<b>2.2. GHS Label elements, including precautionary statements</b>	
Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.	
<b>2.2.1. Pictogram: {None} Signal word: {None}</b>	
<b>2.2.2. Hazard Statements</b>	
Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.	
<b>2.2.3. GHS Precautionary Statements</b>	
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.

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P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P264	Wash face, hands and any exposed skin thoroughly after handling
P270	Do not eat, drink or smoke when using this product

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

<b>Substance</b>	
Substance name:	DMAPT
Concentration	<=100%
CAS Registry#:	791595-09-0
EC#:	Not listed as on 8-2022
Molecular Formula:	C <sub>17</sub> H <sub>27</sub> NO <sub>3</sub>
Molecular Weight:	293.40
Classification	Not classifiable
Mixture?	Substance.

### 4. **First Aid Measures**

<b>4.1. Description of First Aid Measures</b>	
General advice:	If medical attention is required, consult a physician. Show this safety data sheet to the doctor in attendance.
Eye contact:	Flush with plenty of water as a precaution.
Skin Contact:	Wash off with soap and plenty of water. Consult a physician.
Ingestion:	Never give anything by mouth to an unconscious person. Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink. Consult a physician.
Inhalation:	If inhaled, move person into fresh air. If not breathing, give artificial respiration. If not breathing, give artificial respiration. Consult a physician
<b>4.2. Most important symptoms and effects, both acute and delayed</b>	
General symptoms	None known
<b>4.3. Indication of any immediate medical attention and special treatment</b>	
Note to physicians	No data available

### 5. **Fire-fighting measures**

<b>5.1. Extinguishing media</b>	
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	None known
<b>5.2. Other information</b>	
Hazardous combustion products	Carbon oxides, Nitrogen oxides (NO <sub>x</sub> ). Sulphur oxides (S <sub>x</sub> O <sub>y</sub> )
Advice for firefighters	Wear self-contained breathing apparatus for fire fighting if necessary. Wear protective suit.

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### 6. **Accidental release measures**

#### 6.1. **Personal precautions, protective equipment**

Personal precautions	Use personal protective equipment as required. Keep people away from and upwind of spill/leak.
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#### 6.2. **Environmental precautions**

Environmental precautions	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
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#### 6.3. **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.
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Methods for cleaning up:	Clean-up should be dealt with only by qualified personnel familiar with the specific substance. 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.
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### 7. **Handling and storage**

#### 7.1. **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.
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#### 7.2. **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.
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Suitable packaging	Must only be kept in original packaging.
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Incompatible materials:	None known based on information available.
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### 8. **Exposure Controls/Personal Protection**

#### 8.1. **Control parameters**

Control parameters	Components with workplace control parameters
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#### 8.2. **Exposure controls**

Appropriate 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 fume-hood for routine work.
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#### 8.3. **Personal protective equipment**

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[PPE=Personal Protection Equipment]	
PPE: Respiratory protection	Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
PPE: Hand Protection:	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal techniques to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices, and wash and dry hands
PPE: Eye Protection:	Use a face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU)
PPE: Skin and Body Protection:	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

## 9. **Physical and chemical properties**

### 9.1. **Physical / chemical properties**

Physical State at room temperature	Solid / powder
Color	White
Melting/freezing point	Decomposes at 246°C-256°C
No further safety relevant data are available	

## 10. **Stability and reactivity**

Reactivity:	No information available.
Chemical stability:	Stable under normal conditions.
Conditions to avoid	Heat, flames and sparks. Sunlight.
Incompatible materials	Strong reducers and oxidizers
Possibility of Hazardous Reactions	None under normal processing
Hazardous decomposition products	Hazardous decomposition products formed under fire conditions.: Carbon oxides. Nitrogen oxides.

## 11. **Toxicological information**

### 11.1. **Information on toxicological effects**

To the best of our knowledge, the toxicological effects of this product have not been thoroughly studied yet

<b>11.1.1. Acute Toxicity</b>	
Oral toxicity:	Mouse, Oral, No data
Subcutaneous toxicity	Mouse, Subcutaneous, No data
Serious eye damage	No data available
Respiratory or skin sensitization/corrosion:	No data available

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<b>11.1.2. CRM (Carcinogen, Mutagen, Reproductive hazards)</b>	
Germ cell mutagenicity:	No data available
Carcinogenicity:	No data available
Reproductive toxicity / Teratogenicity:	No data available
<b>11.2. Additional information</b>	
RTECS number	Not listed as on 8-2022
General symptoms	No data available

### 12. Ecological Information

Eco-Toxicity	Ecology - general: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment. No further relevant information available
Other adverse effects	No further relevant information available.

### 13. Disposal Considerations

<b>13.1. Waste treatment methods</b>	
Waste from residues / unused products	Dispose of in accordance with local regulations
Contaminated packaging	Dispose of as unused product

### 14. Transport information

<b>14.1. UN number, Proper Shipping Name, Transport Hazard Class, packing group</b>				
	US DOT	US DOT	US DOT	US DOT
UN Number	Not dangerous for transport	Not dangerous for transport	Not dangerous for transport	Not dangerous for transport
UN proper shipping name	(DMAPT)	(DMAPT)	(DMAPT)	(DMAPT)
Transport Hazard Class & Packing Group	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.2. Additional information</b>				
			Not marine pollutant	
Excepted quantities	Not applicable			
De Minimis exemption	Not applicable			

### 15. Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation

USA EPA / TSCA	This product is not listed on the USA EPA TSCA (it is for research)
SARA 302 Components	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

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SARA 313	This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.
SARA 311/312 Hazard Categories	No SARA Hazards
California Proposition 65	This product does not contain any Proposition 65 chemicals.
EU ECHA Status	This product is Not listed as on 8-2022 with the EU ECHA, ANNEX III (criteria for 1 - 10 ton registered substances): Not Listed REACH: Not listed
Canada, DSL/NDSL	On DSL Canada Gazette, Part II, February 11, 2004

### 16. **Other information**

#### 16.1. **Department issuing this SDS**

Quality systems and regulatory affairs

#### 16.2. **General Disclaimer**

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.

#### 16.3. **The users'/employers' responsibility:**

A risk assessment should be performed by the employer/user prior to use of this product.

All recommendations included in this document, are advisory in nature.

The type of protective equipment must be selected based on the amount and concentration of all dangerous materials being used in the workplace.

#### 16.4. **No-Copyright statement**

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#### 16.5. **Abbreviations and acronyms:**

Acute Tox.:	Acute toxicity
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
DOT:	US Department of Transportation
EINECS:	European Inventory of Existing Commercial Chemical Substances
Eye Dam.:	Serious eye damage/eye irritation
HMIS:	Hazardous Materials Identification System (USA)
IATA:	International Air Transport Association
IMDG:	International Maritime Code for Dangerous Goods
LC50:	Lethal concentration, Median
LD50:	Lethal dose, Median
NFPA:	National Fire Protection Association (USA)
NIOSH:	National Institute for Occupational Safety



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OSHA:	Occupational Safety & Health
PPE	Personal Protection Equipment
PBT:	Persistent, Bioaccumulative and Toxic
PEL:	Permissible Exposure Limit
REL:	Recommended Exposure Limit
Repr.:	Reproductive toxicity
RTECS:	Registry of Toxic Effects of Chemical Substances
Skin Irrit:	Skin corrosion/irritation
STOT RE:	Specific target organ toxicity (repeated exposure)
TLV:	Threshold Limit Value
vPvB:	Very Persistent and Very Bioaccumulative

### 16.6. *End of SDS*

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