

Safety Data Sheet: **Prodigiosin**
**1. Identification of the substance/mixture and of the Company**
**1.1. Product identifiers**

Product name	Prodigiosin	Formula	C <sub>20</sub> H <sub>25</sub> N <sub>3</sub> O
Product Code	PRD	RTECS	<a href="#">DW2977000</a>
CAS #	82-89-3	Molecular weight	323.40
EC Number #	N.A.	Substance? Mixture?	Substance
Synonyms			
		Date of version	16 October, 2020

**1.2. Intended uses of the substance or mixture and uses advised against**

<b>1.2.1. Intended use:</b>	<b>1.2.2. Uses advised against:</b>
<ul style="list-style-type: none"> <li>Research and development.</li> <li>Laboratory reagent.</li> <li>To be used by professionals only</li> </ul>	<ul style="list-style-type: none"> <li>Not for drug,</li> <li>Not to be used in humans or animals.</li> <li>Not food additive</li> </ul>

**1.3. Details of the supplier of the safety data sheet**

**FERMENTEK Ltd**  
 4 Yatziv street, POB 47120  
 Jerusalem 97800,  
 Israel

Tel: +972 2 5853953  
 Fax: +972 2 5853943  
 eMail:  
 fermentek@fermentek.com  
 Website: www.fermentek.com

**1.4. Emergency Telephone number**

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

**1.5. Reach:**

See section 15

**2. Hazards identification**
**2.1. Classification of the substance or mixture**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

**2.2. GHS Label elements, including precautionary statements**

2.2.1. Pictogram: None

2.2.2. GHS Hazard Statements

2.2.3. GHS Precautionary Statements

P264	Wash {hands} thoroughly after handling.
P270	Do not eat, drink, or smoke when using this product.
P280	Wear {protective gloves/protective clothing/eye protection/face protection}.
P284	Wear respiratory protection

#### 2.2.4. GHS Response Phrases

P308+313	IF EXPOSED OR CONCERNED: Get medical advice/attention
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#### 2.3. Other information

Caution -	substance not yet tested completely
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### 3. Composition/information on ingredients

Substance	
Substance name:	<i>Prodigiosin</i>
Concentration	100%
CAS Registry#:	82-89-3
EC#:	N.A.
Molecular Formula:	<i>C<sub>20</sub> H<sub>25</sub> N<sub>3</sub> O</i>
Molecular Weight:	323.40
Classification	Antibiotic
Mixture?	Substance.

### 4. First Aid Measures

#### 4.1. Description of First Aid Measures

General advice:	Consult a physician. Show this safety data sheet to the doctor in attendance.
Eye contact:	Flush eyes with water as a precaution.
Skin Contact:	Wash off with soap and plenty of water.
Ingestion:	Never give anything by mouth to an unconscious person. Rinse mouth with water. Drink plenty of water
Inhalation:	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

#### 4.2. Most important symptoms and effects, both acute and delayed

No data available
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#### 4.3. Indication of any immediate medical attention and special treatment needed

No data available
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### 5. Fire-fighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.
Unsuitable extinguishing media	None known

#### 5.2. Other information

Hazardous combustion products	Carbon oxides, Nitric oxides
Advice for firefighters	Wear self-contained breathing apparatus for fire fighting if necessary. Wear protective suit.

### 6. Accidental release measures

#### 6.1. Personal precautions, protective equipment, and emergency procedures

Personal precautions	Use personal protective equipment as required. Keep people away from and upwind of spill/leak. Avoid dust formation. Avoid breathing vapours, mist or gas
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## 6.2. Environmental precautions

Environmental precautions	No special environmental precautions required
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## 6.3. Methods and material for containment and cleaning up

Methods for containment and cleaning up:	Sweep up and shovel. Keep in suitable, closed containers for disposal
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## 7. Handling and storage

### 7.1. Precautions for safe handling

Advice on safe handling:	Provide appropriate exhaust ventilation at places where dust is formed.
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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. Protect from light.
Incompatible materials:	None known based on information available.

## 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 fumehood for routine work.
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### 8.3. Personal protective equipment

<b>[PPE=Personal Protection Equipment]</b>	
PPE: Respiratory protection	Where risk assessment shows air-purifying respirators are appropriate use a fullface 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
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Color	<b>RED</b>
<b>No further safety relevant data are available</b>	

## 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	Carbon oxides

## 11. Toxicological information

### 11.1. Information on toxicological effects

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

<b>11.1.1. Acute Toxicity</b>	No quantitative data available
Skin corrosion/irritation:	No data available
Serious eye damage/eye irritation:	No data available
Respiratory or skin sensitization/corrosion:	No data available
Germ cell mutagenicity:	No data available
<b>11.1.2. Biohazard</b>	
Carcinogenicity	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.
Reproductive toxicity / Teratogenicity:	No data available
STOT-SE – single exposure (GHS):	No data available
STOT-SE – repeated exposure (GHS):	No data available
Aspiration hazard:	No data available

### 11.2. Potential hazards

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### 11.3. Additional information

<b>11.3.1. RTECS number</b>	<a href="#">DW2977000</a> (Clickable)
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## 12. Ecological Information

<b>Eco-Toxicity</b>	No further relevant information available
<b>Other adverse effects</b>	No further relevant information available.

## 13. Disposal Considerations

### 13.1. Waste treatment methods

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

## 14. Transport information

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

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

### 14.2. Additional information

Excepted quantities (EQ)	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)
EU ECHA Status	This product is <b>NOT REGISTERED</b> with the EU ECHA, Number <i>N.A.</i> ANNEX III: <b>Not Listed</b> REACH: <b>Not Listed</b>
Other European regulatory information	<b>International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors:</b> Neither banned nor restricted  <b>Restrictions on the marketing and use of certain dangerous substances and preparations:</b> Neither banned nor restricted  <b>Regulation (EC) No 649/2012 of the European Parliament and the Council on the export and import of dangerous chemicals</b> Neither banned nor restricted

## 16. Other information

### 16.1. Date of revision:

- Friday, 16 October, 2020 15:10

### 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

- All recommendations below are advisory in nature.
- 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. End of SDS