



## Safety Data Sheet: **Aflatoxicol**

### Section 1. Identification of the substance/mixture and of the Company

<b>Product identifiers</b>			
Product name	<i>Equisetin</i>	CAS #	<b>57749-43-6</b>
Product Code	<i>EQ</i>	EC Number	<b>Not listed</b>
Pure substance/mixture	<i>Substance</i>	Formula	<b>C<sub>22</sub>H<sub>31</sub>NO<sub>4</sub></b>
RTECS	<b>KD7986000</b>	MW	<b>373.49</b>
<b>Intended uses of the substance or mixture and uses advised against</b>			
<b>Intended use</b>		<b>Uses advised against:</b>	
Research and/or Development For manufacturing of substances Laboratory reagent		Not for drug, Not to be used in humans or animals. Not food additive	
<b>Details of the supplier of the safety data sheet</b>		<b>Emergency Telephone number</b>	
<b>FERMENTEK ltd</b> 4 Yatziv street, POB 47120 Jerusalem 97800, Israel		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>REACH</b>	Not listed. 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.		

### Section 2. Hazards identification

#### **Classification of the Substance**

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

#### **GHS Classification:**

<b>Acute Toxicity, Oral</b>			<b>Not a hazardous substance</b>
<b>Acute toxicity - Dermal</b>			Not a hazardous substance
<b>Acute toxicity - Inhalation (Dusts/ Mists)</b>			Not a hazardous substance
<b>Skin corrosion/irritation</b>			Not a hazardous substance
<b>Serious eye damage/eye irritation</b>			Not a hazardous substance
<b>Carcinogenicity</b>			Not a hazardous substance
<b>Specific target organ toxicity (single exposure)</b>			Not a hazardous substance

#### **GHS Label elements, including precautionary statements**

c or mixture according to Regulation (EC) No. 1272/2008.

Pictogram: {NONE} Signal word: {NONE}



### Section 3. Composition/information on ingredients

<b>Substance</b>	
Substance name:	<b><i>Equisetin</i></b>
CAS Registry	<b><i>C22H31NO4</i></b>
Synonyms	
EC number#:	<b><i>Not listed</i></b>
Molecular Formula:	<b><i>C22H31NO4</i></b>
Molecular Weight:	<b><i>373.49</i></b>
Concentration (weight/weight)	<b><i>&gt;98%</i></b>
Mixture or substance	<b><i>Substance.</i></b>

### Section 4. First Aid Measures

#### 4.1 Description of First Aid Measures

<b>General advice:</b>	If medical attention is required, show this safety data sheet to the doctor.
<b>Eye contact:</b>	Flush eyes with water as a precaution.
<b>Skin Contact:</b>	Wash off with soap and plenty of water.
<b>Ingestion:</b>	Never give anything by mouth to an unconscious person. Drink plenty of water.
<b>Inhalation:</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
<b>Self-protection of the first aider:</b>	Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.
<b>4.2 Symptoms and effects:</b>	No information is available
<b>4.3 Note to physicians:</b>	Treat symptomatically

### Section 5. Fire-fighting measures

#### **Extinguishing media**

<b>Suitable extinguishing media</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Unsuitable extinguishing media</b>	None
<b>Hazardous combustion products</b>	Carbon oxides, nitrogen oxides.
<b>Advice for firefighters</b>	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. Avoid dust formation. Avoid breathing vapours, mist or gas.
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.
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### **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.	
Incompatible materials:	None known based on information available.

## Section 8. Exposure Controls/Personal Protection

<b>Exposure controls</b>	No occupational exposure limits are listed for this material.
<b>OSHA Permissible Exposure Limits</b>	No Data Available
NIOSH Recommended Exposure Limits	No Data Available
ACGIH Threshold Limit Values	No Data Available
<b>Appropriate engineering controls</b>	Showers, Eyewash stations, Ventilation systems General industrial hygiene practice.
<b>Personal protective equipment</b>	
Eye/face protection	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection	Handle with gloves. Wear protective clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place. When deemed needed according to the concentration and amount of this product, use a complete body suit
Respiratory protection	Respiratory protection is not required.



**Section 9. Physical and chemical properties**

Physical State at room temperature	Solid / powder
Color	white
Volatile?	No
<b>No further safety-relevant information is available</b>	

**Section 10. Stability and reactivity**

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

**Section 11. Toxicological information**

**Information on toxicological effects**

<b>The toxicological effects of this product have not been thoroughly studied</b>	
<b>Acute Toxicity</b>	
LD50 (oral - rodent)	No data available
LD50 (intraperitoneal, mouse)	5.6 gram/kg
Skin corrosion/irritation:	No data available
Serious eye damage/eye irritation:	No data available
Respiratory or skin sensitization:	No data available
Germ cell mutagenicity:	No data available
Carcinogenicity:	Evidence of a carcinogenic effect. This compound has been designated by the IARC as Group 2B: Possibly carcinogenic to humans.
Reproductive toxicity / Teratogenicity:	No data available
STOT-SE – single exposure (GHS):	No data available
STOT-RE – repeated exposure (GHS):	No data available
Aspiration hazard:	No data available
<b>Potential Health Effects</b>	
Inhalation:	May be harmful if inhaled. May cause respiratory tract irritation
Skin	May be harmful if absorbed through skin. May cause skin irritation
Eyes:	May cause eye irritation
Ingestion	Toxic if swallowed
Signs and Symptoms of Exposure	No information available.
Additional information:	RTECS: <b>KD7986000</b>



**Section 12. Ecological Information**

Eco-Toxicity	No further relevant information available
Other adverse effects	No further relevant information available.

**Section 13. Disposal Considerations**

<b>Waste treatment methods</b>	
Waste from residues / unused products	Dispose of in accordance with local regulations
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 dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods
Transport Hazard Class & Packing Group	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods

**Section 15. Regulatory information**

<b>Safety, health and environmental regulations/legislation</b>	
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 revision: Tuesday, 11 February, 2020**

**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.

End of SDS

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