

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF SUBSTANCE, PREPARATION AND COMPANY

**Product name** FEZAN  
**Use** Fungicide.  
**Formulation** Emulsifiable Concentrate  
**Supplier:** Sipcarn UK Limited, 4C Archway House, Melbourn Street, Royston SG8 7BX.  
**Emergency No** 01763 212100.

## 2. HAZARDS IDENTIFICATION

Classification of substance and mixture according to Regulation (EC) Number 1272/2008

**DANGER**



H318 H317 H361 H410	CAUSES SERIOUS EYE DAMAGE MAY CAUSE AN ALLERGIC SKIN REACTION SUSPECTED OF DAMAGING THE UNBORN CHILD VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS
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**Additional information** For the wording of precautionary phrases refer to section 15.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Classification of substance and mixture according to Regulation (EC) Number 1272/2008

	CAS/EINECS	H Phrases	%
<b>tebuconazole</b>	107534-96-3 / 403-640-2	H302, H361, H410	24.2%
<b>Propyl lactate</b>	53651-69-7	H318	43%
<b>Ethyl lactate</b>	186817-80-1	H315, H317, H319	20%
<b>Anionic/non-ionic surfacants</b>	26264-06-2 / 104-76-7	H319	10%

**Additional information** For the wording of the listed hazard phrases refer to section 16.

## 4. FIRST AID MEASURES

### General information:

Instantly remove any clothing soiled by the product.  
If exposed or concerned; Get medical advice/attention  
In case of irregular breathing or respiratory arrest provide artificial respiration.

### After inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
In case of unconsciousness bring patient into stable side position for transport.

### After skin contact:

Wash with plenty of soap and water. IF skin irritation or rash occurs: Get medical advice/attention.

### After eye contact:

Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

### After swallowing:

In case of persistent symptoms consult doctor.

### Information for doctor:

No further relevant information available.

### Indication of any immediate medical attention and special treatment needed:

No further relevant information available

## 5. FIRE FIGHTING MEASURES

### Suitable extinguishing agents

CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

### Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire. Can be released in case of fire: Nitrogen oxides (NOx) / Carbon monoxide (CO) / Hydrogen chloride (HCl)

**Protective equipment:**

Do not inhale explosion gases or combustion gases.

Wear self-contained breathing apparatus / Put on breathing apparatus.

**Additional information**

Collect contaminated fire fighting water separately. It must not enter drains

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures:**

Wear protective gloves/clothing and eye/face protection.

**Environmental precautions:**

Avoid release to the environment.

Inform respective authorities in case product reaches water or sewage system.

Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

**Methods and material for containment and cleaning up:**

Collect spillage. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste according to item 13.

**Reference to other sections:**

See Section 8 for information on personal protection equipment

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

Use protective clothing as per section 8.

Open and handle container with care.

**Information about protection against explosions and fires:**

The product is not flammable.

Keep breathing equipment ready.

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

**Storage**

**Requirements to be met by storerooms and containers:**

Store only in the original container.

Store in cool location.

**Information about storage in one common storage facility:** Store away from foodstuffs.

**Further information about storage conditions:**

Keep out of reach of children.

Keep container tightly sealed.

Protect from frost.

Protect from heat and direct sunlight.

**8. EXPOSURE CONTROL / PERSONAL PROTECTION**

**Components with limit values that require monitoring at the workplace: none**

**Personal protective equipment**

The usual precautionary measures should be adhered to general rules for handling chemicals.

Avoid breathing spray.

Do not eat, drink or smoke while working.

Keep away from foodstuffs, beverages and food.

Take off immediately all contaminated clothing

Wash hands thoroughly after handling.

**Breathing equipment:**

In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.

Recommended filter device for short term use: Combination filter A-P1.

**Protection of hands:**

Protective gloves.

**Eye protection:**

Safety glasses

**Body protection:**

Protective work clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	<b>Melting point or range:</b> Not determined	<b>Danger of explosion:</b> Product is not explosive.
<b>Form:</b> Fluid	<b>Boiling point or range:</b> > 100°C	<b>Solubility / Miscibility (water):</b> Emulsifiable
<b>Colour:</b> Yellow	<b>Flash point:</b> Not applicable	<b>pH-value at 20°C:</b> 4-5
<b>Odour:</b> Characteristic	<b>Self-inflammability:</b> Product is not selfigniting.	<b>Density:</b> 1.03 g/cm <sup>3</sup>
<b>10. REACTIVITY AND STABILITY</b>		
<p><b>Thermal decomposition / conditions to be avoided:</b> No decomposition if used according to specifications.</p> <p><b>Possibility of hazardous reactions:</b> Hazardous polymerisation has not been reported under normal temperatures and pressures.</p> <p><b>Conditions to avoid:</b> No further relevant information available.</p> <p><b>Incompatible materials:</b> No further relevant information available.</p> <p><b>Hazardous decomposition products:</b> Thermal decomposition products may include toxic and corrosive fumes of chlorides and toxic oxides of nitrogen</p>		
<b>11. TOXICOLOGICAL INFORMATION</b>		
<b>LD/LC50 values that are relevant for classification:</b>		
Oral LD50 >2000 mg/kg (rat)	Dermal LD50 >2000 mg/kg (rat)	Inhalation LC50/4 h >5.27 mg/l (rat)
<p><b>Skin Irritation:</b> No irritant effect.</p> <p><b>Eye Irritation :</b> Irritant.</p> <p><b>Sensitization:</b> Sensitization possible by skin contact.</p>		
<b>12.ECOLOGICAL INFORMATION</b>		
<b>Aquatic toxicity (formulated product):</b>		
Fish (rainbow trout)	LC50: 29.5 mg/l	
Daphnia magna:	EC 50: 37.9 mg/l	
Algae:	EC 50: 12.6 mg/l	
<p><b>Persistence and degradability:</b> No further relevant information available.</p> <p><b>Bioaccumulative potential :</b> No further relevant information available.</p> <p><b>Mobility in soil:</b> No further relevant information available.</p>		
<b>13. DISPOSAL</b>		
<p><b>Waste or used preparation:</b> This material and its container must be disposed of in a safe way. Collect spillage</p> <p><b>Disposal of packaging:</b> Dispose of contents/container to a licensed waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste</p>		
<b>14. TRANSPORT</b>		
<p><b>UN-Number (ADR, IMDG, IATA)</b> 3082</p> <p><b>Proper shipping name(ADR, IMDG, IATA)</b> 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (tebuconazole (ISO))</p> <p><b>Hazard class (ADR, IMDG, IATA):</b> Class 9 Miscellaneous dangerous substances and articles. Label 9+P. Packing group III</p> <p><b>Marine pollutant:</b> Yes</p> <p><b>Special marking (ADR):</b> Symbol (fish and tree)</p> <p><b>Special precautions (user)</b> Warning: Miscellaneous dangerous substances and articles.</p> <p><b>Kemler Number:</b> 90</p> <p><b>EMS Number:</b> F-A,S-F</p> <p><b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b> Not applicable.</p> <p><b>Transport/Additional information:</b> (ADR) none</p>		
<b>15. REGULATORY INFORMATION</b>		
<b>Hazard-determining components of labelling:</b> Chlorothalonil, Tebuconazole,		

**Precautionary (P) statements:**

P280	Wear gloves, protective clothing and eye/face protection.
P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P302+352	IF ON SKIN: Wash with plenty of soap and water
P305+P351 + P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P308+P313	If exposed or concerned. Get medical advice/attention.
P333+313	If skin irritation or rash occurs: Get medical advice/attention.
P391	Collect spillage.
P501	Dispose of contents/container to a licensed waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste.
SP1	Do not contaminate water with the product or its container (Do not clean application equipment near surface water / Avoid contamination via drains from farmyards and roads).

**16. OTHER INFORMATION****H Phrases referenced in section 3:**

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H361	Suspected of damaging the unborn child.
H410	Very toxic to aquatic life with long lasting effects

*Prepared by Sipcam UK Ltd to the best of our current knowledge and information:*

*No responsibility is accepted that the information will be sufficient or correct in all cases.*

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