

## Material Safety Data Sheet

According to Regulation (EC) No. 1907/2006

Issued on Jun 01, 2026

Version: 1.0

Printed on June 01, 2026

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product identifiers

**Product Name:** Oniri (Folpet 500 g/L)

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Crop protection product for professional use. Agriculture.

Fungicide

#### 1.3 Details of the manufacturer of the safety data sheet

Manufacturer: YC Agro Limited

Address: Mynshull House, 78 Churchgate, Stockport, Cheshire, England SK1 1YJ, UK

Tel No.: +44 7548 954737

E-mail: director@ycagro.com, ycagro@yanchengchem.com

#### 1.4 Emergency telephone number

For further advice for medical professionals:

The National Poisons Information Service: +44 7548 954737

### 2. HAZARD IDENTIFICATION

#### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**

Skin sensitization - Category 1 - H317

Carcinogenicity - Category 2 - H351

Short-term (acute) aquatic hazard - Category 1 - H400

Long-term (chronic) aquatic hazard - Category 1 - H410

#### 2.2 Label elements

**Labeling according to Regulation (EC) No 1272/2008 [CLP]**

Hazard label for supply/use required.

**Pictograms**



**Signal word**

Warning

**Hazard Statement (s)**

H317 May cause an allergic skin reaction.  
 H351 Suspected of causing cancer.  
 H410 Very toxic to aquatic life with long lasting effects.

**Precautionary statement(s)**

P102 Keep out of reach of children.  
 P201 Obtain special instructions before use.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection /hearing protection.  
 P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
 P501 Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

**EUH-statements**

EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

**Additional phrases for**

**PPP**

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).

**2.3 Other hazards**

The product does not contain any substance(s) classified as PBT or vPvB.

**3. COMPOSITION INFORMATION**

**3.1 Substances**

Not applicable.

**3.2 Mixtures**

**Chemical nature**

Suspension Concentrate (SC)

Folpet 500 g/L

**Hazardous components**

Hazard statements according to Regulation (EC) No. 1272/2008

Name	CAS-No. EC-No.	Classification (EC)1272/2008 (CLP)	Concentration (%)
Folpet	133-07-3 205-088-6	Acute Tox. 4 (H332) Eye Irrit. 2 (H319) Skin Sens. 1 (H317) Carc. 2 (H351) Aquatic Acute 1 (H400)	37-42
Alkyl-naphthalenesulfonic acid, polymer with formaldehyde, sodium salt	68425-94-5 614-476-8	Eye Irrit. 2 (H319) Aquatic Chronic 3 (H412)	3-5
Fumaric acid	110-17-8 203-743-0	Eye Irrit. 2 (H319)	0.8-2
methenamine	100-97-0 202-905-8	Flam. Sol. 2 (H228) Skin Sens. 1 (H317)	< 1

For the full text of the H-Statements mentioned in this Section, see Section 16.

#### 4. FIRST AID MEASURES

##### 4.1 Description of first aid measures

###### General advice

Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention.

###### If inhaled

Move the victim to fresh air. Get medical attention immediately if symptoms occur. If breathing has stopped, give artificial respiration. Get medical attention immediately. If symptoms persist, call a doctor.

###### In case of skin contact

May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a doctor. Wash off immediately with soap and plenty of water for at least 15 minutes.

###### In case of eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. Do not rub affected area.

###### If swallowed

Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

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

###### Symptoms

Itching. Rashes. Hives. May cause redness and tearing of the eyes. Burning sensation. Coughing and/ or wheezing. Difficulty in breathing.

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

## Treatment

May cause sensitisation in susceptible persons. Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

### 5.1 Extinguishing media

#### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Unsuitable extinguishing media

Do not scatter spilled material with high pressure water streams.

### 5.2 Special hazards arising from the substance or mixture

Product is or contains a sensitiser. May cause sensitisation by skin contact.

### 5.3 Advice for firefighters

#### Special protective equipment for firefighters:

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

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

#### Precautions

Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Avoid generation of dust. Do not breathe dust.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so.

### 6.3 Methods and materials for containment and cleaning up

**Methods for containment:** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up:** Take up mechanically, placing in appropriate containers for disposal.

**Prevention of secondary hazards:** Clean contaminated objects and areas thoroughly observing environmental regulations.

### 6.4 Reference to other sections

For disposal considerations see section 13.

Refer to protective measures listed in sections 7 and 8.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

#### Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid generation of dust. Use according to package label

instructions.

### General hygiene considerations

Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes or clothing. Avoid breathing dust/fume/gas/mist/vapours/spray.

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

#### Requirements for storage areas and containers

Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

### 7.3 Specific end use(s)

The information required is contained in this Safety Data Sheet.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Exposure Limits

Components	CAS No.	Value type (Form of exposure)	Control parameters
Folpet (ISO)	133-07-3	TWA	0.4 mg/m <sup>3</sup>

#### Derived No Effect Level (DNEL):

Substance name	End Use	Exposure routes	Potential health effects	Value
fumaric acid	Workers	Inhalation	Long-term systemic effects	175 mg/m <sup>3</sup>
	Workers	Inhalation	Acute systemic effects	175 mg/m <sup>3</sup>
	Workers	Dermal	Long-term systemic effects	50 mg/kg
	Workers	Dermal	Acute systemic effects	50 mg/kg
	Consumers	Inhalation	Long-term systemic effects	53 mg/m <sup>3</sup>
	Consumers	Inhalation	Acute systemic effects	53 mg/kg
	Consumers	Oral	Long-term systemic effects	30 mg/kg
	Consumers	Oral	Acute systemic effects	30 mg/kg
	Consumers	Dermal	Long-term systemic effects	30 mg/kg

	Consumers	Dermal	Acute systemic effects	30 mg/kg
--	-----------	--------	------------------------	----------

**Predicted No Effect Concentration (PNEC):**

Substance name	Environmental Compartment	Value
fumaric acid	Fresh water	0.1 mg/l
	Marine water	0.01 mg/l
	Intermittent use/release	1 mg/l
	Sewage treatment plant	3 mg/l

**8.2 Exposure controls**

**Engineering measures**

Containment and/or segregation is the most reliable technical protection measure if exposure cannot be eliminated.

The extent of these protection measures depends on the actual risks in use.

Maintain air concentrations below occupational exposure standards.

Where necessary, seek additional occupational hygiene advice.

**Personal protective equipment**

**Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment.

**Hand protection**

Suitable chemical resistant gloves (EN 374) also with prolonged, direct contact (recommendation: protection index 6, corresponding > 480 minutes Permeability time (permeation) according to EN 374): e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm).

**Eye protection**

Tightly fitting safety goggles.

**Skin and body protection**

Use suitable protective clothing and equipment if required, such as safety goggles certified to EN 166, gloves certified to EN 374, protective boots certified to EN 13832, and/or a water repellent woven coverall with 65% polyester and 35 % cotton.

**Protective measures**

The use of technical measures should always have priority over the use of personal protective equipment.

When selecting personal protective equipment, seek appropriate professional advice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Liquid
<b>Colour</b>	beige to white
<b>Odour</b>	Organic Slight
<b>Odour threshold</b>	No data available
<b>pH</b>	4.6-5.6 (1 % w/v)
<b>Melting point</b>	No data available
<b>Freezing point</b>	No data available
<b>Initial boiling point and boiling range</b>	No data available
<b>Flash point</b>	>80 °C
<b>Evaporation rate</b>	No data available
<b>Flammability (solid,gas)</b>	No data available
<b>Upper/lower flammability or explosive limits</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Vapour density</b>	No data available
<b>Relative density</b>	No data available
<b>Density</b>	1.26±0.02 g/cm <sup>3</sup>
<b>Solubility (ies)</b>	No data available.
<b>Partition coefficient: n-octanol/water</b>	No data available.
<b>Auto-ignition temperature</b>	>400 °C
<b>Decomposition temperature</b>	No data available
<b>Viscosity</b>	
Viscosity, dynamic	No data available
Viscosity, kinematic	1500 mm <sup>2</sup> /s
<b>Explosive properties</b>	Not an explosive
<b>Oxidizing properties</b>	Not oxidizing

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

None reasonably foreseeable.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

None under normal processing.

### 10.4 Conditions to avoid

Excessive heat.

### 10.5 Incompatible materials

Strong acids. Strong bases. Strong oxidising agents.

### 10.6 Hazardous decomposition products

No hazardous decomposition products are known.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

**Oral LD50:** >5000 mg/kg (Rat)

**Dermal LD50:** >2000 mg/kg (Rat)

**Inhalation LC50:** >5.28 mg/l (Rat)

#### Skin corrosion/irritation

Non-irritating to the skin.

Species: Rabbit

#### Serious eye damage/eye irritation

Not irritating to eyes.

Species: Rabbit

#### Sensitisation

Species: Rabbit

Species: Mouse

#### Germ cell mutagenicity

Not classified

#### Carcinogenicity

Suspected of causing cancer

#### Reproductive toxicity

Not toxic for the reproductive system.

#### Assessment STOT Specific target organ toxicity – single exposure

Not classified

#### Assessment STOT Specific target organ toxicity – repeated exposure

Not classified

#### Aspiration toxicity

Not classified.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Product

Toxicity to fish

LC50 (Oncorhynchus mykiss (rainbow trout)): 0.017 mg/l

Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates

EC50 (Daphnia magna (Water flea)): 3.9 mg/l

Exposure time: 48 h

Toxicity to algae/aquatic plants

EC50 (Desmodesmus subspicatus (green algae)): 48.4 mg/l

Exposure time: 72 h

Toxicity to fish (Chronic toxicity)

NOEC (Oncorhynchus mykiss (rainbow trout)): 0.0375 mg/l

## 12.2 Persistence and degradability

### Folpet

Water DT50 days: <0.05

Soil DT50 days: 4.3

Biodegradation: Readily biodegradable

## 12.3 Bioaccumulative potential

### Folpet

Partition Coefficient (n-octanol/water) Log Pow: 3.017.

## 12.4 Mobility in soil

### Folpet

Adsorption/Desorption: 304 mL/g

## 12.5 Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

## 12.6 Other adverse effects

### Endocrine disrupting properties

**Product:** No information available.

## 13. DISPOSAL CONSIDERATION

### 13.1 Waste treatment methods

#### Product:

Dispose of waste in accordance with environmental legislation. Dispose of in accordance with local regulations.

**Contaminated packaging:**

Improper disposal or reuse of this container may be dangerous and illegal.

**Other information**

Waste codes should be assigned by the user based on the application for which the product was used.

**14. TRANSPORT INFORMATION**

**ADR/RID/ADN**

14.1 UN number	UN 3082
14.2 Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Folpet)
14.3 Transport hazard class(es)	9
14.4 Packaging Group	III
14.5 Environm. Hazardous Mark	YES
Tunnel Code	-

**IMDG**

14.1 UN number	UN 3082
14.2 Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Folpet)
14.3 Transport hazard class(es)	9
14.4 Packaging Group	III
14.5 Marine pollutant	YES

**IATA**

14.1 UN number	UN 3082
14.2 Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Folpet)
14.3 Transport hazard class(es)	9
14.4 Packaging Group	III
14.5 Environm. Hazardous Mark	YES

**14.6 Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

##### Supply and Use

UK REACH List of restrictions (Annex 17): Conditions of restriction for the following entries should be considered: Number on list 3

UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation: Not applicable

The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain): Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer: Not applicable

UK REACH List of substances subject to authorisation (Annex XIV): Not applicable

GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation: Not applicable

Control of Major Accident Hazards Regulations 2015 E1 (COMAH): ENVIRONMENTAL HAZARDS

### 15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance when it is used in the specified applications.

## 16. OTHER INFORMATION

### Full text of H-Statements

H228: Flammable solid

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H351: Suspected of causing cancer.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

### Disclaimer:

\*\*\*\*\*

The manufacture provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. The manufacture makes no representations or express or implied, including without limitation any warranties of merchantability fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, the manufacture will not be responsible for damages resulting from use of or reliance upon this information.

\*\*\*\*\*