

# SAFETY DATA SHEET

## AGROCYPA

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name AGROCYPA

Product number FP396

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

Identified uses Insecticide

Uses advised against No specific uses advised against are identified.

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

Supplier Agropharm Ltd  
Overley Hill, B5061,  
Wellington,  
Telford,  
Shropshire,  
TF65HD.  
+44 (0)1952 740 333  
+44 (0) 1952 740207  
uksales@agropharm.co.uk

#### 1.4. Emergency telephone number

Emergency telephone +44 (0) 1952 740 333 (Monday to Friday 9:00-17:00 GMT)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification

Physical hazards Not Classified

Health hazards Acute Tox. 4 - H302 Acute Tox. 4 - H332 Eye Dam. 1 - H318 STOT RE 2 - H373

Environmental hazards Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

Classification (67/548/EEC or 1999/45/EC) Xi;R41. N;R50/53.

Human health Causes severe eye irritation

Environmental The product contains a substance which may cause long-term adverse effects in the environment.

#### 2.2. Label elements

##### Pictogram



Signal word

Danger

##### Hazard statements

H302+H332 Harmful if swallowed or if inhaled.  
H318 Causes serious eye damage.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H410 Very toxic to aquatic life with long lasting effects.

## AGROCYPA

<b>Precautionary statements</b>	<p>P260 Do not breathe vapour/spray.</p> <p>P261 Avoid breathing vapour/spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P270 Do not eat, drink or smoke when using this product.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P312 Call a POISON CENTER/doctor if you feel unwell.</p> <p>P314 Get medical advice/attention if you feel unwell.</p> <p>P330 Rinse mouth.</p> <p>P391 Collect spillage.</p> <p>P501 Dispose of contents/container in accordance with national regulations.</p>
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<b>Contains</b>	ALCOHOL ETHOXYLATE, CYPERMETHRIN CIS/TRANS +/- 40/60 (RS )-A-CYANO-3-PHENOXYBENZYL (1RS ,3RS ;1RS ,3SR )-3-(2,2-DICHLOROVINYL)-2,2-DIMETHYLCYCLOPROPANECARBOXYLATE
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### 2.3. Other hazards

Not known

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>ALCOHOL ETHOXYLATE</b>	<b>30-60%</b>
CAS number: 68439-45-2	
<b>Classification</b> Acute Tox. 4 - H302 Eye Dam. 1 - H318	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn R22; Xi R41.
<b>CYPERMETHRIN CIS/TRANS +/- 40/60 (RS )-A-CYANO-3-PHENOXYBENZYL (1RS ,3RS ;1RS ,3SR )-3-(2,2-DICHLOROVINYL)-2,2-DIMETHYLCYCLOPROPANECARBOXYLATE</b>	<b>10.0%</b>
CAS number: 52315-07-8                      EC number: 257-842-9	
M factor (Acute) = 1000                      M factor (Chronic) = 100	
<b>Classification</b> Acute Tox. 3 - H301 Acute Tox. 4 - H312 Acute Tox. 3 - H331 STOT SE 3 - H335 STOT RE 2 - H373 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R20/22 Xi;R37 N;R50/53

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

## AGROCYP A

### 4.1. Description of first aid measures

<b>General information</b>	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
<b>Inhalation</b>	Move affected person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. If breathing stops, provide artificial respiration. Get medical attention.
<b>Ingestion</b>	Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Give a few small glasses of water or milk to drink. Never give anything by mouth to an unconscious person. Get medical attention.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	May cause permanent damage if eye is not immediately irrigated. Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
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### 4.3. Indication of any immediate medical attention and special treatment needed

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with foam, carbon dioxide or dry powder.
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### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	The product is non-combustible. Irritating gases or vapours. No unusual fire or explosion hazards noted.
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### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Control run-off water by containing and keeping it out of sewers and watercourses.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with eyes.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	Do not discharge into drains or watercourses or onto the ground.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.
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### 6.4. Reference to other sections

## AGROCYP A

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Read and follow manufacturer's recommendations. Eye wash facilities and emergency shower must be available when handling this product. Do not eat, drink or smoke when using the product.

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

**Storage precautions** Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store in tightly-closed, original container in a dry, cool and well-ventilated place.

#### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

##### Eye/face protection

Wear chemical splash goggles.

##### Hand protection

Wear protective gloves.

##### Hygiene measures

Provide eyewash station. Wash contaminated clothing before reuse. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

##### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

##### Appearance

Clear, yellowish liquid.

##### Odour

Mild.

##### pH

pH (concentrated solution): 3.0 - 4.5 pH (diluted solution): 7.4 (Diluted 1:100 Tap water).

##### Relative density

1.02 - 1.04 @ °C

##### Solubility(ies)

Soluble in water.

#### 9.2. Other information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

##### Reactivity

Not known

#### 10.2. Chemical stability

##### Stability

Stable at normal ambient temperatures and when used as recommended.

#### 10.3. Possibility of hazardous reactions

## AGROCYP A

**Possibility of hazardous reactions** Not known. No potentially hazardous reactions known.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid contact with the following materials: Acids. Oxidising agents.

### 10.5. Incompatible materials

**Materials to avoid** Acids - oxidising.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**ATE oral (mg/kg)** 365.08

#### Acute toxicity - dermal

**ATE dermal (mg/kg)** 16,000.0

#### Acute toxicity - inhalation

**ATE inhalation (dusts/mists mg/l)** 5.0

**Inhalation** May cause respiratory system irritation.

**Ingestion** May cause stomach pain or vomiting.

**Skin contact** Product has a defatting effect on skin. May cause allergic contact eczema. Prolonged or repeated exposure may cause severe irritation.

**Eye contact** Risk of serious damage to eyes.

**Route of entry** Inhalation Ingestion. Skin absorption

**Target organs** Eyes Respiratory system, lungs Skin

## SECTION 12: Ecological Information

**Ecotoxicity** The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

### 12.1. Toxicity

**Toxicity** Very toxic to aquatic organisms.

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: (Cypermethrin) Brown Trout: 0.002 mg/l, Fish

### 12.2. Persistence and degradability

**Persistence and degradability** Not known

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

### 12.4. Mobility in soil

**Mobility** Mobile.

## AGROCYP A

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

Other adverse effects                      Not known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information**                      Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Disposal methods**                          This material and its container must be disposed of in a safe way.

## SECTION 14: Transport information

### 14.1. UN number

UN No. (ADR/RID)                          3082

UN No. (IMDG)                              3082

UN No. (ICAO)                              3082

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)**                      ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CYPERMETHRIN)

**Proper shipping name (IMDG)**                          ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CYPERMETHRIN)

**Proper shipping name (ICAO)**                      ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CYPERMETHRIN)

**Proper shipping name (ADN)**                      ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CYPERMETHRIN)

### 14.3. Transport hazard class(es)

ADR/RID class                              9

ADR/RID label                              9

IMDG class                                  9

ICAO class/division                      9

### Transport labels



### 14.4. Packing group

ADR/RID packing group                      III

IMDG packing group                          III

ICAO packing group                          III

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



## AGROCYP A

### 14.6. Special precautions for user

EmS	F-A, S-F
Emergency Action Code	•3Z
Hazard Identification Number (ADR/RID)	90
Tunnel restriction code	(E)

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

#### SECTION 15: Regulatory information

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

National regulations	HSE No. 7508.
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### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### SECTION 16: Other information

<b>General information</b>	The information contained in this Safety Data Sheet is believed to be true and correct, as of the issue date. The accuracy and completeness of this information and any recommendations, or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use for this product.
<b>Revision comments</b>	Amended section 3.
<b>Issued by</b>	HS&E Manager.
<b>Revision date</b>	05/01/2016
<b>Revision</b>	17
<b>Supersedes date</b>	13/05/2015
<b>SDS status</b>	Approved.
<b>Risk phrases in full</b>	R20/22 Harmful by inhalation and if swallowed. R37 Irritating to respiratory system. R41 Risk of serious damage to eyes. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Hazard statements in full</b>	H301 Toxic if swallowed. H302 Harmful if swallowed. H312 Harmful in contact with skin. H318 Causes serious eye damage. H331 Toxic if inhaled. H332 Harmful if inhaled. H335 May cause respiratory irritation. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.