

Infosafe No™ 3NUYP Issue Date : June 2017 ISSUED by NUFARM

 Product Name **CUPROFIX DISPERSS® Fungicide**

Classified as hazardous

## 1. Identification

**GHS Product Identifier** CUPROFIX DISPERSS® Fungicide

**Product Code** 7017

**Product Type** Group Y Fungicide

**Company Name** NUFARM AUSTRALIA LIMITED. (ABN 80 004 377 780)

**Address** 103-105 Pipe Road Laverton North  
Victoria 3026 Australia

**Telephone/Fax Number** Tel: +61 3 9282-1000  
Fax: +61 3 9282-1001

**Emergency phone number** 1800 033 498 (24hr Australia)

**Recommended use of the chemical and restrictions on use** A water dispersible granule fungicide for the control of fungal and bacterial diseases of fruit, as per the Directions for Use table on the label.

**Other Information** This Safety Data Sheet describes the properties of the concentrated product. The physical properties and the assessments may not apply to the properties of the product once it has been diluted for application.

## 2. Hazard Identification

**GHS classification of the substance/mixture** ED2A Eye Damage/Irritation: Category 2A  
AC2 Hazardous to the Aquatic Environment - Long-Term Hazard: Category 2

**Signal Word (s)** WARNING

**Hazard Statement (s)** H319 Causes serious eye irritation.  
H411 Toxic to aquatic life with long lasting effects.

**General Precautionary Statement (s)** P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.

**Pictogram (s)** Exclamation mark, Environment,  
The below pictograms are GHS Hazard symbols for workplace use only.  
See SECTION 14 for Dangerous Goods information.



**Precautionary statement – Prevention** P264 Wash hands and exposed skin thoroughly after handling.  
P280 Wear protective gloves, clothing, eye and face protection.

**Precautionary statement – Response** P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/attention.

**Other Information** Poisons Schedule S6

## 3. Composition/information on ingredients

**Chemical Characterization** Solid

Ingredients	Name	CAS	Proportion
	Copper present as tribasic copper sulphate	1344-73-6	200 g/kg
	Kaolin	1332-58-7	10-30 %
	Anionic Surfactant		10-30 %

## 4. First-aid measures

**Inhalation** Over-exposure by inhalation is improbable. Check for other causes of observed

Infosafe No™ 3NUYP	Issue Date : June 2017	ISSUED by NUFARM
--------------------	------------------------	------------------

Product Name **CUPROFIX DISPERSS® Fungicide**

Classified as hazardous

<b>Ingestion</b>	symptoms and seek medical advice. Rinse mouth thoroughly with water. If swallowed DO NOT induce vomiting. Seek medical advice immediately.
<b>Skin</b>	Wash affected areas thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
<b>Eye contact</b>	If in eyes, hold eyelids open and wash with copious amounts of water for at least 15 minutes. Seek medical advice if irritation develops or persists.
<b>First Aid Facilities</b>	If poisoning occurs, contact a doctor or the Poisons Information Centre (Australia) on 13 11 26.
<b>Advice to Doctor</b>	Treat symptomatically. Copper salts may be corrosive to the oesophagus. Do NOT induce vomiting. If spontaneous vomiting has occurred or is suspected, gastric intubation is contraindicated. In cases of severe intoxication, consider chelation therapy with dimercaprol (BAL).

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	If involved in a fire, the product will not burn. Choose extinguishing media to suit the burning material.
<b>Hazards from Combustion Products</b>	If involved in a major fire, could evolve oxides of copper or sulphur.
<b>Special Protective Equipment for fire fighters</b>	Breathable air apparatus should be worn when fighting a fire in which this product is involved.
<b>Other Information</b>	STOP FIRE WATER FROM ENTERING DRAINS OR WATER BODIES.

## 6. Accidental release measures

<b>Spills &amp; Disposal</b>	Recover the product by sweeping up or vacuuming without raising dust. Collect spilled material and waste in sealable open-top type containers for disposal.
<b>Environmental Precautions</b>	Prevent from entering drains, waterways or sewers.

## 7. Handling and storage

<b>Conditions for safe storage, including any incompatibilities</b>	Store in the closed, original container in a dry, cool well ventilated area out of direct sunlight. Keep container tightly sealed and do not store with seed, fertilisers or foodstuffs. Keep out of reach of children.
<b>Other Information</b>	Always read the label and any attached leaflet before use.

## 8. Exposure controls/personal protection

<b>Occupational exposure limit values</b>	Safe Work Australia has set the following exposure standard for copper dusts and mists (as copper) : TLV (TWA) 1 mg/m <sup>3</sup> , STEL -. Safe Work Australia has set the following exposure standard for kaolin : TLV (TWA) 10 mg/m <sup>3</sup> , STEL -.
<b>Appropriate engineering controls</b>	Handle in well ventilated areas, generally natural ventilation is adequate. Avoid generating and inhaling dusts.
<b>Respiratory Protection</b>	Do not inhale spray mist. If dusts are present, wear a dust mask.
<b>Personal Protective Equipment</b>	It is good practice to wear suitable personal protective equipment (PPE). When opening the container, preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and goggles.

## 9. Physical and chemical properties

<b>Form</b>	Solid
<b>Appearance</b>	Blue Solid Granules

Infosafe No™ 3NUYP	Issue Date : June 2017	ISSUED by NUFARM
--------------------	------------------------	------------------

 Product Name **CUPROFIX DISPERSS® Fungicide**

Classified as hazardous

<b>Melting Point</b>	N/A
<b>Solubility in Water</b>	Insoluble in water
<b>Specific Gravity</b>	N/A
<b>Vapour Pressure</b>	None
<b>Volatile Component</b>	N/A
<b>Flammability</b>	Non combustible material.
<b>Other Information</b>	Dry flowable.

## 10. Stability and reactivity

<b>Incompatible Materials</b>	Avoid contact with iron, strong acids, aluminium and its alloys.
<b>Hazardous Decomposition Products</b>	Thermal decomposition products include: copper oxide, calcium sulphate and water.
<b>Possibility of hazardous reactions</b>	
<b>Hazardous Polymerization</b>	Hazardous polymerisation is not possible.
<b>Other Information</b>	Cuprofix is neutral pH and can be tank mixed with emulsifiable crop oils and most commonly used insecticides and fungicides.

## 11. Toxicological Information

<b>Acute Toxicity - Oral</b>	LD50 (rat) >2000 mg/kg for the formulated material
<b>Acute Toxicity - Dermal</b>	LD50 (rat) >4000 mg/kg for the formulated material
<b>Ingestion</b>	Possible symptoms of exposure of the concentrate include: vomiting, stomach pains, symptoms attributed to the central nervous system and kidneys, and hemolytic crisis accompanied by damage in the liver and brain.
<b>Inhalation</b>	Not a likely route of exposure due to the physical form of the product. However, care should be taken to avoid the inhalation of excessive amounts of spray mist during field spraying, respiratory irritation may occur.
<b>Skin</b>	The concentrated product may cause slight irritation on contact.
<b>Eye</b>	The concentrate may cause irritation of the eyes unless washed off immediately.
<b>Chronic Effects</b>	Based on available data, repeated exposures are not anticipated to cause additional significant adverse effects.
<b>Serious eye damage/irritation</b>	Moderate eye irritant.
<b>Skin corrosion/irritation</b>	Not a skin irritant.
<b>Other Information</b>	The Australian Acceptable Daily Intake (ADI) for copper for a human is 0.2 mg/kg/day, set for the public for daily, lifetime exposure. There is no NOEL or LOEL or safety factor. (Ref: Aust Govt Dept. of Health, Office of Chemical Safety, 'ADI List', March 2016 ).

## 12. Ecological information

<b>Known Harmful Effects on the Environment</b>	Harmful to fish.
<b>Other Precautions</b>	Do not contaminate dams, waterways or sewers with this product or the containers which have held this product.
<b>Environmental Protection</b>	Copper sprays can cause injury to tender foliage or hasten leaf fall.
<b>Acute Toxicity - Other Organisms</b>	Not toxic to bees.

## 13. Disposal considerations

Infosafe No™ 3NUYP	Issue Date : June 2017	ISSUED by NUFARM
--------------------	------------------------	------------------

Product Name **CUPROFIX DISPERSS® Fungicide**

Classified as hazardous

**Product Disposal** On site disposal of the concentrated product is not acceptable. Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, approach local authorities who hold periodic collections of unwanted chemicals (ChemClear®).

**Container Disposal** Do not use this container for any other purpose. Shake the last amount of product from the bag into application equipment. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

## 14. Transport information

**Transport Information** It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs.

**Storage and Transport** Considered non dangerous for road and rail transport (in packaging) by the Australian Code for the Transport of Dangerous Goods by Road and Rail. Ref: ADG7; SP No. AU01. For bulk shipments as Class 9, use UN 3077, HazChem code 2Z.

**UN Number (Sea Transport)** 3077

**IMO Class/Packing Group** Class 9; Packing Group III

**IMO Marine Pollutant** Marine Pollutant

**IMO Proper Shipping Name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains Copper based product)

## 15. Regulatory information

**Regulatory Information** Australia: WHS regulations (2011) - Schedule 11: classification not listed.

**Poisons Schedule** S6

**Packaging & Labelling** POISON  
KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

**Other Information** This product is registered with the Australian Pesticides and Veterinary Medicines Authority (APVMA). APVMA product number: 52531.

## 16. Other Information

**Date of preparation or last revision of SDS** 14/06/2017

**Contact Person/Point** Normal Hours: Mrs Kathleen Marsh Phone: +61 3 9282 1000  
After Hours: Shift Supervisor Phone: 1800 033 498

**Revisions Highlighted** The SDS was reviewed. Minor changes were made to the information and product has been rebranded.  
...End Of MSDS...

© Copyright ACOHS Pty Ltd

Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe MSDS displayed is the intellectual property of Acohs Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed is the intellectual property of Acohs Pty Ltd. The compilation of MSDS's displayed is the intellectual property of Acohs Pty Ltd.

Copying of any MSDS displayed is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of MSDS without the express written consent of Acohs Pty Ltd.