# Safety Data Sheet

**Infosafe No™ 3NUEX**  
**Issue Date:** August 2017  
**ISSUED by:** NUFARM

**Product Name:** Champ Dry Prill WG Fungicide  
**Classified as hazardous**

## 1. Identification

<table>
<thead>
<tr>
<th>GHS Product Identifier</th>
<th>Champ Dry Prill WG Fungicide</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>7705</td>
</tr>
<tr>
<td>Product Type</td>
<td>Group Y Fungicide</td>
</tr>
<tr>
<td>Company Name</td>
<td>NUFARM AUSTRALIA LIMITED. (ABN 80 004 377 780)</td>
</tr>
<tr>
<td>Address</td>
<td>103-105 Pipe Road Laverton North Victoria 3026 Australia</td>
</tr>
</tbody>
</table>
| 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 flowable dry prill fungicide for the control of various diseases of fruits and vegetables as per the Directions for Use table on the label.  
**Additional 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 | UT4 Acute Toxicity - Oral: Category 4  
IT4 Acute Toxicity - Inhalation: Category 4  
ED2A Eye Damage/Irritation: Category 2A  
Hazardous to the Aquatic Environment - Long-Term Hazard: Category 1 |
| Signal Word(s) | WARNING |

**Hazard Statement(s):**  
H302 Harmful if swallowed.  
H332 Harmful if inhaled.  
H319 Causes serious eye irritation.  
H410 Very toxic to aquatic life with long lasting effects.  
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.  
Exclamation mark, Environment,  
The below pictograms are GHS Hazard symbols for workplace use only.  
See SECTION 14 for Dangerous Goods information.

**Precautionary Statement(s):**  
P264 Wash hands and exposed skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P261 Avoid breathing dust and spray.  
P280 Wear protective gloves, clothing and eye/face protection.  
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P304+P313 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
P305+P351+P338 IF IN RESPIRATORY TRACT: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P330 Rinse mouth.  
P340+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P264 Wash hands and exposed skin thoroughly after handling.  
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## 3. Composition/information on ingredients

**Other Information:**

Poisons Schedule S6
4. First-aid measures

**Inhalation**
Remove affected person to fresh air until recovered. If symptoms develop or persist, seek medical advice.

**Ingestion**
If swallowed DO NOT induce vomiting.
Rinse mouth and then drink plenty of water.
Obtain medical advice.

**Skin**
Wash affected areas thoroughly with soap and water.
Remove contaminated clothing and launder before re-use.

**Eye contact**
If in eyes, hold eyelids open and wash with copious amounts of water for at least 15 minutes.
Seek medical advice.

**First Aid Facilities**
If poisoning occurs, contact a doctor or the Poisons Information Centre (Australia) on 13 11 26.

**Advice to Doctor**
Treat symptomatically.
No specific antidote.
Remove by gastric lavage. Victim may suffer stomach pains, symptoms attributed to the CNS and kidneys, hemolytic crisis accompanied by damage in the liver and brain.

5. Fire-fighting measures

**Suitable extinguishing media**
Water fog, foam, carbon dioxide or dry chemical.

**Hazards from Combustion Products**
May emit toxic smoke and fumes if involved in fires or exposed to extreme heat.

**Special Protective Equipment for fire fighters**
Breathable air apparatus must be worn if material is involved in fires especially in confined spaces.

6. Accidental release measures

**Spills & Disposal**
Recover the product by sweeping up or vacuuming without raising dust.
Collect spilled material and waste in sealable open-top type containers for disposal.

**Personal Protection**
For appropriate personal protective equipment (PPE), refer Section 8.

7. Handling and storage

**Precautions for Safe Handling**
Avoid generating dusts while handling the product and mixing.
Do NOT contaminate dams, rivers or streams, or any other water bodies with chemical or used containers.

**Conditions for safe storage, including any incompatibilities**
Store in the closed, original container in a dry, cool well ventilated area out of direct sunlight.

**Other Information**
Always read the label and any attached leaflet before use.

8. Exposure controls/personal protection

**Occupational exposure limit values**
No exposure standard for this product has been set, however, an exposure standard has been set for copper as dust and mist (as Cu) at 1 mg/m³.
Handle in well ventilated areas, generally natural ventilation is adequate.

**Appropriate engineering controls**
When opening the container, preparing the spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat, nitrile or elbow-length PVC gloves and face shield or goggles and disposable dust mask.
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Hygiene Measures
Re-entry period: Do not enter treated area until spray has dried.
After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.
After each day's use, wash contaminated clothing and safety equipment.

9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Solid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Dark Blue granules</td>
</tr>
<tr>
<td>Odour</td>
<td>Odourless</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Disperses in water.</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.09</td>
</tr>
<tr>
<td>pH</td>
<td>Neglible at 20°C</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>Neglible</td>
</tr>
<tr>
<td>Flammability</td>
<td>Non combustible material.</td>
</tr>
</tbody>
</table>

10. Stability and reactivity

Chemical Stability
Stable under normal conditions.

Incompatible Materials
Incompatible with acids, calcium polysulphide, dithiocarbamates, alkaline pesticides such as lime sulphur, dinitro compounds, phosdrin, dimethoate, TMTD (thiram), calcium compounds and mercury compounds.

Hazardous Polymerization
Hazardous polymerisation is not possible.

11. Toxicological Information

Toxicity Information
No harmful effects are expected if the precautions on the label and this MSDS are followed.

Acute Toxicity - Oral
LD50 (rat) 1346 mg/kg for the formulated product
LD50 (rat) >2000 mg/kg for the formulated product

Acute Toxicity - Dermal
LC50 (rat) (4hr) 1.3 mg/l for the formulated product

Acute Toxicity - Inhalation
Ingestion
Not a likely route of exposure. Ingestion of large doses of copper salts may result progressively in irritation of the gastrointestinal tract, nausea, vomiting, salivation, gastric pain, hemorrhagic gastritis, diarrhea, capillary damage, liver and kidney damage, and central nervous system stimulation followed by depression. Jaundice, pain in the liver, and hemolytic anemia have been reported following acute human poisonings.

Inhalation
Avoid inhalation of spray mist. Excessive exposure to product dust may cause cough, mucous production and shortness of breath, reflecting metal fume fever.

Skin
Repeated or prolonged contact with the concentrate may cause irritation.

Eye
Will irritate the eyes.

Chronic Effects
Low chronic toxicity unless excessive exposure is encountered.
Excessive exposure to copper by inhalation may result in irritation of the upper respiratory tract which, if severe, may lead to perforation of the nasal septum after long periods of exposure.
Repeated ingestion of copper salts may result in anemia, liver and kidney damage. Chronic inhalation exposure may cause a metallic taste in the mouth, irritation of the upper respiratory tract such as the nasal mucosa that may progress to perforation of the nasal septum. Chronic cough may also occur. Copper hydroxide, which comprises 37.5% of this product, governs the toxicity of the product. The remaining components have low to negligible toxicity.

Chronic Effects
Copper-intolerant individuals should not be exposed to this material.
No additional information is available on whether overexposure to this material would aggravate other existing special medical conditions.
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12. Ecological information

Environmental Protection

Acute Toxicity - Fish
LC50 (24hr) rainbow trout is 0.08 mg/L for copper hydroxide
LC50 (48hr) for daphnia magna is 0.07 mg/l for copper hydroxide.

Acute Toxicity - Daphnia
Not toxic to bees.

Acute Toxicity - Other Organisms

13. Disposal considerations

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®).
Shake the last amount of product from the bag into application equipment.
If not recycling, puncture or shred and bury containers in local authority landfill.
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.

Container Disposal

14. Transport information

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)
Class 9; Packing Group III

IMO Class/Packing Group
Marine Pollutant

IMO Marine Pollutant
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(contains Copper Hydroxide)

15. Regulatory information

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

Poisons Schedule
S6

Packaging & Labelling

Other Information
This product is registered with the Australian Pesticides and Veterinary Medicines Authority (APVMA). APVMA product number: 53935.

16. Other Information

Date of preparation or last revision of SDS
Revised 07/08/2017.
This SDS replaces document dated September 2012.

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

Revisions Highlighted
The SDS was reviewed. Various changes were made to the information.

...End Of MSDS...

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Print Date: 7/08/2017 CS: 1.7.2
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