
SAFETY DATA SHEET

Trade name: **StemCap KF-2**

Date of Issue: 23/11/2016

Page 1 of Total 5

1. Product and Company identification.

Product Name: **StemCap KF-2**

Product use: Fungicide for the control of Armillaria in kiwi fruit vines.

Company Details: Chengeta Crop Care
2/31 Station Road
Penrose, Auckland
New Zealand
Phone: (09) 257 4030
www.chengeta.co.nz

Emergency Telephone Number:

National Poisons and Hazardous Chemicals Information Centre
Dunedin Phone: 0800 POISON (0800 764-766)
24 hr Emergency Response: 0800 CHEMCALL (0800 243 622)

2. Hazards identification

Not classified as Dangerous Goods for transport

This product is approved under the Hazardous Substances and New Organisms Act (HSR002571, Fertilisers (Subsidiary Hazard) Group Standard 2006).

Hazard classification:

6.1E: Acute toxicant - Warning, harmful if swallowed, inhaled or absorbed through the skin.

6.9B: Organs - harmful to human target organs or systems.

9.1A: Aquatic - very ecotoxic in the aquatic environment.

9.3C: Aquatic - harmful to terrestrial vertebrate.

Precautions:

Keep out of reach of children

TOXIC to aquatic life with long lasting effects. Do not release into the environment.

HARMFUL to terrestrial vertebrates

Do Not contaminate any water supply with product or empty container.

3. Composition/information on ingredients

Ingredient	CAS Number	Concentration % w/w
Tebuconazole	107534-96-3	500 g/kg
Formulated as a Tablet		

SAFETY DATA SHEET

Trade name: StemCap KF-2

Date of Issue: 23/11/2016

Page 2 of Total 5

4. First aid measures**Eye contact:** If product gets in eyes wash out immediately with water for 10-15 minutes.**Skin contact:** Not applicable.**Inhalation:** An unlikely route of exposure but may occur during manufacture. Remove from exposure to fresh air.**Ingestion:** Seek medical attention. If conscious, give 3-4 glasses of water to dilute stomach contents.
DO NOT INDUCE VOMITING.

5. Fire fighting measures**Hazards:** Not combustible / Non flammable**Extinguishing media:** All**HazChem Code:** N/A**Special Fire Fighting Procedures:** N/A**Unusual Fire and explosion hazards:** Hazardous products of combustion: Toxic organic vapours, oxides of carbon and nitrogen.

6. Accidental release measures**Spills:** Wear appropriate protective equipment and respirator where mists or vapours of unknown concentrations may be generated.
Do not allow the product to enter drains, sewers or waterways.
Tablets should be swept to a point and placed in collection bags for disposal.**Disposal:** Dispose of waste in accordance with local authority bylaws.**Cleaning of Equipment:** Clean with water.

7. Handling and storage**Handling:** No special precautions are necessary.**Storage:** Store in original container, tightly closed in a locked dry, cool, well ventilated area protected from sunlight. Store away from foodstuffs. Do not contaminate drinking water.

SAFETY DATA SHEET

Trade name: StemCap KF-2Date of Issue: 23/11/2016
Page 3 of Total 5

8. Exposure controls/personal protection**Personal protective equipment:**

Eye protection: Safety glasses/ goggles

Hand protection: PVC gloves

Skin and body protection: Protective clothing.

Ingestion: When handling do not eat, drink or smoke.

Respiratory protection: In processes where dusts may be generated, proper ventilation must be provided in accordance with good ventilation practices.
Alternatively use suitable respiratory protection.

9. Physical and chemical properties

Appearance:	Oval Tablet
Colour:	Green
Odour:	Slight
Boiling point (°C):	Not applicable
Flash point (°C):	Not applicable
Max. % volatile:	Not applicable
Density at 20°C, g/ml:	
Solubility in water:	Soluble
pH:	2.0 to 4.0

10. Stability and reactivity**Stability:** Stable under normal operating conditions.**Materials and conditions to avoid:**

Contact with strong oxidising/reducing agents.

Hazardous decomposition products:

Toxic vapours/fumes, Oxides of carbon and nitrogen.

Hazardous properties:None.

11. Toxicological information**Health Effects:**

Swallowed:

Eye: Corrosive.

Skin: Generally non-irritant, but may cause irritation to very sensitive skin.

Inhaled: Does not give off vapour.

SAFETY DATA SHEET

Trade name: StemCap KF-2

Date of Issue: 23/11/2016

Page 4 of Total 5

11. Toxicological information continued.**Acute oral toxicity:** LD₅₀ rat (Male): > 4000 mg/kg (a.i.)LD₅₀ rat (Female): > 1700 mg/kg (a.i.)**Acute dermal toxicity:** LD₅₀ rat > 5000 mg/kg**Acute inhalation (Dust) LC₅₀ rat** > 5000 / m3

12. Ecological Information**Persistence/degradability:****Aquatic toxicity:**Rainbow trout LC₅₀ (96 hour): 4.4 mg/l (a.i.)Daphnia EC₅₀ (48 hour): 2.9 mg/l (a.i.)Algae (*Pseudokirchneriella subcapitata*) EC₅₀ 3.8mg/l (a.i.)**Avian toxicity:** The substance is a vertebrate ecotoxicant.Acute oral LD₅₀ Bobwhite quail: 1988 mg/kgHarmful to aquatic life with long lasting effects. Do not release into the environment.

13. Disposal considerations

Dispose of waste in accordance with local authority bylaws. May be washed with plenty of water onto soils

Disposal of empty container: Triple rinse onto soil then send to drum recycling facility. Alternatively crush and bury the container in a suitable landfill. Do not use the container for any other purpose.

14. Transport regulations.**U.N. Number:** UN3077**Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
SOLID, N.O.S (Tebuconazole 500 g/kg)
MARINE POLLUTANT**HAZCHEM:** 2Z**Dangerous goods class:** 9**Packing Group:** III

SAFETY DATA SHEET

Trade name: **StemCap KF-2**

Date of Issue: 23/11/2016

Page 4 of Total 5

15. Regulatory information

HSNO Approval No: HSR002571

Group Standard 2006: Fertilisers (Subsidiary Hazard) Group Standard 2006

Approved handler: Not required

16. Other information

Abbreviations:

CAS Number: Chemical Abstracts Service Number
HSNO: Hazardous substances and New Organisms Act 1996 (HSNO Act)
EPA: Environmental Protection Authority
DG: Dangerous Goods
LC₅₀: Lethal concentration (50% population)
LD₅₀: Lethal Dose (50% Population)

General: Horticultural fungicide. Use only as directed on the label.

This SDS supersedes all previous issues. It summarises our best knowledge of the health and safety hazard information of the product. All users should read this SDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products. Since the actual use of this product is beyond the control of Omnia, we make no warranty, expressed or implied, concerning the use of this product. It is the responsibility of users to ascertain that the product is suitable for intended applications.

Last page