
SAFETY DATA SHEET

Trade name: **StemCap PC-1**

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1. Product and Company identification.

Product Name: **StemCap PC-1**

Product use: Fungicide for the control of Phytophthora on apples and avocado pears.

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

8.3A: Eye corrosive - Danger, This product is corrosive and may cause eye damage.

9.1 C: Aquatic ecotoxicant- Harmful to aquatic organisms

Precautions:

Keep out of reach of children

Avoid contact with the eyes

Avoid contamination of any water supply with product or empty container.

3. Composition/information on ingredients

Ingredient	CAS Number	Concentration % w/w
Fosetyl Aluminium	39148-24-8	75.00
Other non hazardous		25.00

Formulated as a Tablet

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4. First aid measures

Eye contact: If product gets in eyes wash out immediately with water for 10-15 minutes. Obtain emergency medical attention if pain, blinking, tears or redness persist.

Skin contact: If skin contact occurs remove contaminated clothing and wash affected areas thoroughly with soap and water

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: Water soluble product so avoid use of water if possible . Use carbon dioxide, foam or a dry agent

HazChem Code: N/A

Special Fire Fighting Procedures: N/A

Unusual Fire and explosion hazards: Hazardous products of combustion: Dangerous fumes of carbon, nitrogen and phosphorus oxides.

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.

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

No special precautions are necessary.

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:	White
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 agents.

Hazardous decomposition products:

Thermal decomposition generates carbon monoxide.

Hazardous properties:When mixed with air and exposed to an ignition source dust may burn in the open air or explode if confined

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.

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11. Toxicological information continued.**Acute oral toxicity:** LD₅₀ rat (Male): > 2860 mg/kgLD₅₀ Bobwhite Quail: > 8000 mg/kg**Acute dermal toxicity:** LD₅₀ rat and rabbit: > 2020 mg/kg**Acute inhalation (Dust) 4 hr LC₅₀ rat:** > 5.02 mg/litre of air

12. Ecological Information**Persistence/degradability:**Soil persistence: Very short soil life under aerobic and anaerobic conditions with rapid dissipation and metabolism. DT₅₀: (Aerobic) 20 – 90 minutes.**Aquatic toxicity:**Rainbow trout LC₅₀ (96 hour): 94.3 – 428 mg/lDaphnia EC₅₀ (96 hour): 189 mg/lHarmful 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:** Not classified as hazardous for transport.**Proper shipping name:** N/A**Dangerous goods class:** N/A**Packing Group:** N/A

15. Regulatory information**HSNO Approval No:** HSR002571**Group Standard 2006:** Fertilisers (Subsidiary Hazard) Group Standard 2006

Approved handler: Not required

ACVM Registration Number: P8696

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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
LC ₅₀ :	Lethal concentration (50% population)
LD ₅₀ :	Lethal Dose (50% Population)
EC ₅₀ :	Effective Concentration 50% (Population)
DT ₅₀ :	Degradation Time 50% (Half life)

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.
