
SAFETY DATA SHEET

Trade name: **Stemshot AV-1**

Date of Issue: 01/03/2022

Page 1 of Total 5

1. Product and Company identification.

Stemshot AV-1: **Stemshot AV-1**

Product use: Systemic Fungicide for the control of Phytophthora SP. And Pythium SP. In Avocados

Company Details: Company Details:
Agri Technovation Ltd.
27A Wickham Lane
Greenhithe, Auckland
6 0 3 2 New Zealand
Tel: 64 9 954 5411
www.agritechnovation.com

Registered to:- Omnia Specialties NZ Ltd, P.O. Box 217078, Botany Junction, Auckland 2164.
2/31 Station Road, Penrose, Auckland 1061

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

Hazardous Property Classification: 6.3B, 6.4A, 9.1D

Eye irritant. May be irritating to skin –repeated or prolonged contact may result in irritation.
Ingestion can cause burning pain in mouth, throat and abdomen – May be harmful if ingested. Inhalation of mists can produce respiratory irritation.

This product is approved under the Hazardous Substances and New Organisms Act (HSR000732, Fertilisers (Subsidiary Hazard) Group Standard 2006).

Hazard classification:

6.3B: Skin irritant - Warning causes skin irritation
6.4A: Eye irritant - Warning, causes eye irritation
9.1 D: Aquatic ecotoxicant- Harmful to aquatic organisms

Precautions:

Avoid contact with the eyes
Avoid contact with the skin
Avoid inhalation of spray mist
Avoid contamination of any water supply with product or empty container.

3. Composition/information on ingredients

Ingredient	CAS Number	Concentration % w/w (400 g/l) solution in water.
Mono and di-potassium phosphite	13977-65-6	

SAFETY DATA SHEET

Trade name: **Stemshot AV-1**

Date of Issue: 01/03/2022

Page 2 of Total 5

4. First aid measures

Eye contact: Wash out with water for 15 minutes. Seek medical attention.

Skin contact: Remove contaminated clothing. Wash affected area thoroughly with soap and water.

Inhalation: If safe to do so, remove from exposure, give artificial respiration if required. Seek medical attention immediately.

Ingestion: Seek medical attention. If conscious, give 3-4 glasses of milk (or if unavailable, water.)
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: Development of toxic fumes containing oxides of phosphorous possible if involved in a fire.

6. Accidental release measures

Spills: Wear appropriate protective equipment and respirator where mists or vapours of unknown concentrations may be generated.
Large amounts: Do not allow the product to enter drains, sewers or waterways. Remove leaking containers to a detached area. Bund spill area. Absorb spilled product with inert material (e.g. sand, earth etc.)
Small amounts: Wash away with plenty of water.

Disposal: Dispose of waste in accordance with local authority bylaws.

7. Handling and storage

Handling: No special precautions are necessary. Avoid eye contact. Wear chemical type goggles or safety glasses.

Storage: Protect from extreme temperatures. Keep containers closed when not in use. Do not contaminate drinking water, food or feed by storage or disposal.

SAFETY DATA SHEET

Trade name: **Stemshot AV-1**

Date of Issue: 01/03/2022

Page 3 of Total 5

8. Exposure controls/personal protection

Personal protective equipment:

Ventilation: In processes where mists or vapours may be generated, proper ventilation must be provided in accordance with good ventilation practices.

No special precautions are necessary.

Eye protection: Safety glasses/ goggles

Hand protection: PVC gloves

Skin and body protection: Protective clothing.

Respiratory protection: Approved respirator when vapour or mist may be generated.

9. Physical and chemical properties

Appearance:	Aqueous liquid
Colour:	Colourless
Odour:	Slight
Boiling point (°C):	100°C
Flash point (°C):	Not applicable
Max. % volatile:	60
Density at 20°C, g/ml:	1.4
Solubility in water:	Soluble in all proportions
pH:	7.0

10. Stability and reactivity

Stability: Stable under normal operating conditions.

Materials and conditions to avoid:

Nil.

Hazardous decomposition products:

May produce phosphorous oxides if heated to decomposition.

11. Toxicological information

Health Effects:

Swallowed: Irritating if swallowed

Eye: Severe irritation.

Skin: Irritating.

Inhaled : Irritating if inhaled, although an unlikely route of exposure.

Acute oral toxicity: Data unavailable although no toxic effects are to be expected when handled appropriately.

Acute dermal toxicity: Data unavailable.

SAFETY DATA SHEET

Trade name: **Stemshot AV-1**

Date of Issue: 01/03/2022

Page 4 of Total 5

12. Ecological Information

Persistence/degradability:

Oxidises to phosphate in the environment.

Aquatic toxicity: Data not available.

Avian toxicity: Data not available.

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 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: HSR000732

Hazardous Property Classification: 6.3B, 6.4A, 9.1D

HSNO Controls: see <http://www.ermanz.govt.nz/search/registers.html>

Registered to:- Omnia Specialties NZ Ltd, P.O. Box 217078, Botany Junction, Auckland 2164.
2/31 Station Road, Penrose, Auckland 1061

See: www.nzfsa.govt.nz/acvm/ for registration conditions
Hazardous Property Classification:

16. Other information

Abbreviations:

CAS Number: Chemical Abstracts Service Number
HSNO: Hazardous substances and New Organisms Act 1996 (HSNO Act)
LC₅₀: Lethal concentration (50% population)
LD₅₀: Lethal Dose (50%(Population))



Agri Technovation Ltd.
27A Wickham Lane
Greenhithe
Auckland 6032
Tel (09) 954 5411

SAFETY DATA SHEET

Trade name: **Stemshot AV-1**

Date of Issue: 01/03/2022
Page 5 of Total 5

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 Agri Technovation Ltd. 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