

SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Product Name: Flick 500 SC Fungicide
Company Name: Kenso Corporation (M) Sdn Bhd
Address: 2 Bond Crescent, Forrest Hill,
Auckland 0620 New Zealand
Telephone Number: (09) 410 0861
Hazardous Substances
Emergency Telephone Number: 0800 CHEMCALL (0800 243 622)
National Poison
Information Centre: 0800 POISON (0800 764 766)
Use: For the control of a wide range of diseases in grapes, filed tomatoes, potatoes and vegetable brassicas.

SECTION 2 – HAZARDS IDENTIFICATION

Hazard classification: 6.1D, 6.5B, 6.8B, 6.9B, 8.3A, 9.1A, 9.3C
Priority Identifier: WARNING
KEEP OUT OF REACH OF CHILDREN
Secondary Identifiers: 6.1D = Acute toxicant
6.5B = May cause sensitisation by skin contact
6.8B = Harmful – may cause reproductive/development damage from repeated oral exposure.
6.9B = Danger of serious damage to health by prolonged exposure
8.3A = Eye corrosive
9.1A = Very toxic to aquatic organisms
9.3C = Harmful to terrestrial vertebrates

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS number	Proportion
Fluazinam	79622-59-6	50% w/v
Inert ingredient	secret	To 100%

SECTION 4 – FIRST AID MEASURES

Swallowed	If swallowed, do not induce vomiting. Wash mouth with water and contact a Poisons Information Centre, or seek medical advice immediately.
Eye	Hold the eyes and flush immediately with plenty of water until the product is removed. Seek medical advice if irritation develops.

Skin	Remove contaminated clothing and wash affected areas or skin with soap and water. Seek medical advice if irritation develops.
Inhaled	Remove to fresh air, keep warm and at rest. Give artificial respiration or oxygen if breathing is shallow or stopped. Get medical attention immediately.

Advice to Doctor:

Treatment is symptomatic.

SECTION 5 – FIRE FIGHTING MEASURES

- Fire/Explosion Hazards:** There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Violent steam generation or eruption may occur upon application of direct water stream on hot liquids.
- Extinguishing Media:** Use dry chemical, foam or CO2 extinguishing media..
- Fire Fighting:** If a significant quantity of this product is involved in a fire, call the fire brigade.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spills and Disposal

Contain spill and absorb with sand or proprietary absorbent (vermiculite). Prevent from entering drains, waterways or sewers. Collect in sealed open top containers for disposal. The product is an herbicide and spills should be contained. The product is relatively toxic to fish and hence should be kept from entering water bodies. Triple rinse containers, add rinsate to the spray tank, then offer container for recycling/reconditioning, or puncture top, sides and bottom and dispose off in landfill in accordance with local regulations. On-site disposal off concentrate is not acceptable.

SECTION 7 – HANDLING AND STORAGE

Store in the original container, tightly closed, away from food, seeds, fertilisers and pesticides. Keep out of reach of children. After handling, remove protective clothing and equipment, wash hands before eating, drinking, chewing gum, smoking or using toilet. See product label for further handling and storage precautions.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

National Exposure Standards:

No exposure limits (WES, TEL or EEL's) have been specifically assigned for this product.

Engineering Controls:

Handle in well ventilated areas, generally natural ventilation is adequate.

Personal Protective Equipment:

When opening the container, preparing spray and using the prepared spray, wear chemical resistant coveralls buttoned to the neck and wrist,, elbow-length nitrile or PVC gloves, respiratory protection to Organic vapour level protection and face shield or goggles.

Hygiene Measures:

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.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Yellowish
Odour:	No characteristic odour
Boiling point (°C):	Not applicable
Solubility in Water:	Dispersible

SECTION 10 – STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Hazardous Polymerization:	Hazardous polymerization is not possible.
Conditions to Avoid:	This product should be kept in a cool place, preferably below 30°C.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity

Fluazinam:

Oral LD₅₀ (rats) = >5000 mg/kg

Acute dermal LD₅₀ (rats) = >2000 mg/kg

Acute inhalation LC₅₀ (4h) for rats = 0.463 mg/L

SECTION 12 – ECOLOGICAL INFORMATION

Persistence /Degradability

Half life in soil is typically 4 days.

Bioaccumulative

Not bioaccumulative

Ecotoxicity:

Acute toxicity – Fish: LC₅₀ (96 hour) for rainbow trout = 0.036 mg/L

Acute toxicity – Daphnia: EC₅₀ (48 hour) for daphnia magna = 0.18 mg/L

Acute toxicity – Algae: EC₅₀ (96 hour) for Selenastrum capricornutum = 0.16 mg/L

Acute toxicity – other organism: LD₅₀ for bobwhite quail is 1782 mg/kg

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal: Instructions concerning the disposal of this product and its containers are given on the product label. These should be carefully followed.

SECTION 14 – TRANSPORT INFORMATION

UN Number (Sea Transport): 3082

IMO Proper Shipping: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains FLUAZINAM 50%), Class 9, Packaging Group III

SECTION 15 – REGULATORY INFORMATION

HSNO Approval Number: HSR100977

HSNO Controls (inc. Tracking and Record Keeping). See <http://www.epa.govt.nz> for controls.

ACVM Registration: P9037

ACVM Controls: See www.footsafety.govt.nz for registration conditions.

SECTION 16 – OTHER INFORMATION

This SDS contains only safety-related information. For other data see product literature.

CONTACT POINT:

Police and Fire Service:	Dial	111
National Poisons Information Centre: Hazardous Substances	Dial	0800 POISON (0800 764 766)
Emergency Telephone Number:	Dial	0800 CHEMCALL (0800 243 622)