



MSDS OF KINCHO POWDER

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name	Betacyfluthrin 1.5g/kg Insecticide Dust
Supplier	New Australia Agricultural Development Company Pty Limited
Address	Rear 150-154, Parramatta Rd, Auburn, NSW, 2144, Australia
Telephone	+61 2 94983675, 0430990521
Fax	+61 2 94983675
Website	www.naadco.com.au

2. HAZARDS IDENTIFICATION

Main Hazard Low toxicity, LD₅₀ > 5000mg/kg
Hazard classification: Non-hazardous substance. Non-dangerous goods.
Risk phrases: R22 Harmful if swallowed.
Safety phrases: S20/21 When using do not eat or drink/smoke
S24/25 Avoid contact with skin/eyes
ADG Classification: Not a dangerous good
UN Number: None allocated

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Concentration
Beta-cyfluthrin	68359-37-5	0.15%
Other ingredients (surfactant, solvent, etc)		99.85%

4. FIRST AID MEASURES

If poisoning occurs, immediately contact a doctor or Poisons Information Centre, and follow the advice given. Show this Material Safety Data Sheet to the doctor.

Ingestion	If swallowed, wash out mouth with water provided person is conscious. Call a physician.
Inhalation	If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
Skin	In case of contact, immediately wash skin with soap and copious amounts of water.
Eyes	In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

Medical attention *Local contamination:*



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Treatment should be symptomatic after decontamination. In case of skin or eye contamination, treat as above under First Aid Measures.

5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards:

There is no risk of an explosion from this product under normal circumstances

Extinguishing Media:

Preferred extinguishing media are foam, water jet.

Fire Fighting:

When fighting fires involving significant quantities of this product, wear a splash suit complete with self contained breathing apparatus.

Flash point: Not flammable.

6. ACCIDENTAL RELEASE MEASURES

Spills	Stop the source of the spill if it is safe to do so. Contain the spill to prevent further contamination of the soil, surface water, or ground water. Wear personal protective equipment. Do not allow material to enter sewers or bodies of water.
Small Spills	Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.
Disposal	Contaminated material must be disposed of in accordance with local regulations.

7. HANDLING AND STORAGE

Handling	Keep out of reach of children, unauthorised persons and animals. After handling and before eating, drinking or smoking wash hands, arms and face thoroughly with soap and water.
Storage Requirements	Store in a tightly closed container. Keep away from heat and open flame. Store in a cool, dry and well-ventilated area away from incompatible substances.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits have not been established for any of the significant ingredients in this product. No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation:	No special ventilation requirements are normally necessary for this product. However make sure that the work environment remains clean and that vapours and mists are minimised.
Eye Protection:	Eye protection such as protective glasses or goggles is recommended when this product is being used.
Skin Protection:	You should avoid contact even with mild skin irritants. Therefore you should wear suitable impervious elbow-length gloves and facial protection when



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handling this product. See below for suitable material types.

Protective Material Types: We suggest that protective clothing be made from the following materials:
rubber, PVC.

Respirator: Usually, no respirator is necessary when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White free flowing powder
pH:	5.5 to 8.5
Vapour density:	Not available
Boiling point:	Not available
Freezing/melting point:	Not available
Bulk Density:	0.92g/ml
Flash Point:	Not applicable
Flammability	
(explosive) limits:	Not applicable

10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions of use.
Conditions to avoid	Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight. Avoid high temperature and fire
Incompatible materials	Alkali and strong acid
Decomposition products	May cause harmful carbon dioxide gas and other toxic gases

11. TOXICOLOGICAL INFORMATION

Inhalation	Harmful if inhaled.
Skin contact	No irritate
Eye contact	No irritate
Ingestion	Harmful if swallowed.

ANIMAL TOXICITY DATA – *PRODUCT*

Acute:

Oral toxicity	LD ₅₀ rat: > 5000 mg/kg (male/female)
Dermal toxicity	LD ₅₀ rat: >2000 mg/kg
Inhalation toxicity	LD ₅₀ rat: >2000 mg/m ³
Skin irritation	No irritating (rabbit)
Eye irritation	No irritating (rabbit)

12. ECOLOGICAL AND ECOTOXICOLOGICAL INFORMATION

Ecological toxicology: toxicity to aquatic organisms and bees, harmful poisonous to silkworm.

Biodegradation: Rapid degradation in soil

Non biodegradation: Hydrolysis in Alkali



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Biological accumulation: Not available

Other harmful effects: No data.

13. DISPOSAL CONSIDERATIONS

When returnable container is empty or contents no longer required return it to the point of purchase. For non-returnable containers, triple or (preferably) pressure rinse them before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm 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. Dispose of waste product via a reputable disposal contractor.

14. TRANSPORT INFORMATION

Hazards identification: None

Suggestion according to IMO IMDG Code: the substance is not subject to IMO IMDG Code

Packing requirements: The goods are packaged according to the packing requirement of ordinary goods.

15. REGULATORY INFORMATION

Registered according to the Agricultural Chemicals Act, APVMA Approval Number 70404/63385

16. OTHER INFORMATION

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