

MATERIAL SAFETY DATA SHEET

Product Name: **BAYTAN C SEED DRESSING**
A09241



Effective August 1, 2002

Statement of Hazardous Nature

Not classified as hazardous according to criteria of the National Occupational Health and Safety Commission

COMPANY DETAILS:

Company: Bayer CropScience Pty Ltd ABN 87 000 226 022
Address: 391 - 393 Tooronga Road, East Hawthorn
Victoria 3123 Australia
Telephone/Facsimile: (03) 9248 6888/(03) 9248 6800
Website Address: www.bayercropscience.com.au
Emergency Telephone Number: 1800 033 111 – Orica SH&E Shared Services

Identification

Product Name

BAYTAN C SEED DRESSING

Issued	August 1, 2002	Supersedes	01/04/1998		
UN No.	None	Hazardous?	No	Hazchem	None
DG Class	None	Poison Schedule	S5	Product Code	67384
Sub Risk	None	Package Group	None	EPG	None

Uses

Fungicidal seed dressing for the control of pests and diseases as specified on the product label, and the protection against insect pests of stored grain.

Application Methods

Product Descriptor: BAYTAN C
Proper Shipping Name: none
Chemical Characterisation: 150 g/kg triadimenol
1-(4-chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4 triazol-1-yl)butan-2-ol
Chemical Group: triazole derivative
Chemical Characterisation: 4 g/kg cypermethrin
Cyano(3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethyl-cyclopropanecarboxylate
Chemical Group: synthetic pyrethroid

Physical Description/Properties

Form: powder
Colour: blue
Odour: weak characteristic odour
Solubility in Water: insoluble
Flash Point (closed cup): >100 degrees C

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Ingredients

Ingredient	CAS Nr	Proportion
Triadimenol	55219-65-3	150 g/kg
Cypermethrin	52315-07-8	4 g/kg
Dye		Low
Other inerts		Low
Talc	14807-96-6	High

Proportion (% weight/weight): Low = 1-9%; High = 30-60%

Health Hazard Information

Health Effects

No adverse health effects are expected if this product is used in accordance with the label. No special symptoms of poisoning are to be expected. May irritate the eyes and skin. Facial skin contact may cause temporary numbness. May cause respiratory irritation if inhaled.

Chronic: Animal studies show no evidence of oncogenic effect or carcinogenic or teratogenic potential.

First Aid

If poisoning occurs contact a doctor or Poisons Information Centre (telephone 13 11 26).

Swallowed

If swallowed and if more than 15 minutes from a doctor or hospital induce vomiting preferably using Ipecac Syrup APF.

Skin

Remove any contaminated clothing and immediately wash affected area with soap and water.

Eye

Wash continually with water for 15 minutes.

Inhaled

Remove patient to fresh air and make comfortable. Ensure that patient is kept strictly at rest.

Advice to Doctor

If poisoning occurs apply basic aid and decontamination procedures. Treat symptomatically.

Antidote: none known

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Precautions for Use

Exposure Standards

NOHSC exposure standards have not been assigned for the active ingredient nor the excipients in the formulation.

Engineering Controls

Not applicable.

Personal Protection

Personal Protective Measures:

Avoid contact with eyes, skin and clothing. Ensure adequate ventilation. Do not inhale dust. Do not touch treated seed.

Personal Protective Equipment:

Wear a full face respirator with combined dust cartridge while using product. Wear impervious elbow-length gloves. Where repeated skin contact may occur, wear full body clothing including washable hat and boots.

Industrial Hygiene:

If clothing becomes contaminated with product, remove clothing immediately. If product on skin, immediately wash the area with soap and water. 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, gloves etc. with soap and water.

Flammability

Protection Against Fire:

Product is stable. Avoid strong oxidising agents. Keep away from sources of ignition. Not flammable under normal conditions of use.

Safe Handling Information

Storage

Keep out of reach of children. Store in the tightly closed original container in a dry, well ventilated area, as cool as possible. Do not store for prolonged periods in direct sunlight. Do not store near any material intended for use or consumption by humans or animals. When treated seed is stored it should be kept apart from other grain and the bags or other containers should be clearly marked to indicate the contents have been treated with Baytan C seed dressing. Do not allow seed treated with this product to contaminate seed intended for animal consumption. Do not allow seed treated with this product to contaminate seed intended for human consumption. Do not use treated seed for human consumption.

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Transport

Classification according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code)

Shipping name:	None	UN No:	None	Hazchem:	None
Packing group:	None	Sub Risk:	None		
DG Class:	None				

Spills

Prevent spill from spreading or entering waterways or drains. Vacuum or sweep up spilt material. Fill material along with any contaminated soil etc. into containers. Clean affected area with an aqueous detergent and a small amount of water. Absorb this with hydrated lime and place in a sealable drum. On completion of clean-up remove and wash all protective clothing and equipment with detergent and water. Any heavily contaminated clothing should be placed in a plastic garbage bag and placed in a sealable drum. Do not smoke, eat or drink during the clean-up operation.

Disposal

1) After intended use:

Completely empty bag. Puncture and bury empty container in a local landfill (check statutory requirements). If not available, bury the container below 500 mm in a marked disposal pit specifically set up for this purpose, clear of waterways, vegetation and roots. Empty container and product should not be burnt. Bags which have held treated seed should not be used for any other purpose.

2) After spill or accident:

Dispose of sealed containers at an approved local waste disposal site.

Fire/Explosion Hazard

Dangerous Decomposition or Combustion Products:

Thermal Decomposition:

Hazardous polymerisation will not occur.

Hazardous Decomposition Products:

If involved in a fire, hydrochloric acid gas and oxides of nitrogen may be emitted.

Hazardous Reactions: none

Extinguishing Media: water fog or foam

Further Information:

Special fire fighting procedures: Wear full protective clothing and self-contained breathing apparatus.

Other Information

Information on Toxicity

(a) Triadimenol component:

LD ₅₀ oral (ingestion) - rat:	1720-3700 mg/kg (Bayer) i.e. harmful
LD ₅₀ dermal (skin contact) - rat:	>5000 mg/kg (Bayer) i.e. practically non-toxic
Irritation of skin - rabbit:	non-irritant (Bayer)
Irritation to mucous membranes - rabbit:	non-irritant

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(b) Cypermethrin component:

LD₅₀ oral (ingestion) - rat:

500-800 mg/kg i.e. harmful

LD₅₀ dermal (skin contact) - rat:

>5000 mg/kg (Bayer) i.e. practically non-toxic

Information on Ecological Effects

Harmful to fish. Do NOT contaminate dams, rivers, ponds, waterways and drains with this product, used container or bags which have held treated seed. Do NOT feed treated seed or otherwise expose to wild or domestic birds.

DISCLAIMER

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS 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.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.