

Material Safety Data Sheet

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Infosafe No. 1BFNH Issue Date : November 2005 RE-ISSUED by BASFANZ

Product Name : **STORM* SECURE WAX BLOCK RODENTICIDE**

Not classified as hazardous according to criteria of NOHSC

COMPANY DETAILS

Company Name BASF Australia Ltd (ABN 62 008 437 867)
Address 500 Princes Highway Noble Park
Victoria 3174 Australia
Emergency Tel. 1800 803 440 (24h)
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Other Information BASF New Zealand Limited
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Phone: + 64 9 255 4300
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E-mail address: reception@basf-nz.co.nz
Emergency advice: 0800 944 955 (24h)
National Poisons Centre - 24 hour Urgent Information: 0800 764 766
National Poisons Centre - Non-Urgent Information: +64 3 479 7248

IDENTIFICATION

Product Name STORM* SECURE WAX BLOCK RODENTICIDE

Proper Shipping Name None Allocated

Other Names	<u>Name</u>	<u>Product Code</u>
	Flocoumafen	

UN Number None Allocated

DG Class None Allocated

Packing Group None Allocated

Hazchem Code None Allocated

Poisons Schedule S6

Product Use Rodenticide.

Physical Data

Appearance Light blue pillow-shaped blocks

Melting Point Not available

Boiling Point Not available

Vapour Pressure < 0.001 mm Hg (20'C)

Specific Gravity Not applicable

Flash Point Not flammable

Flamm. Limit LEL Not applicable

Flamm. Limit UEL Not applicable

Solubility in Water Insoluble in water

Other Properties

Volatile Component Not available

Autoignition Temp. Not available

Evaporation Rate Not available

Vapour Density Not available

Ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
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Flocoumafen	90035-08-9	0-0.01 %
Inerts in flocoumafen master mix		0-1 %
Blue dye		0.1 %
Wax powder		25 %
Flour		36-37 %
Cut wheat		36-37 %

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed	Toxic as below.
Acute - Eye	Not irritant.
Acute - Skin	Not irritant and not a dermal sensitizer.
Acute - Inhaled	Little inhalation hazard if used in the correct manner.
Chronic	Because of the acute toxicity of flocoumafen and its intended use as a rodenticide, chronic toxicity studies have not been carried out. However, cumulative effects of flocoumafen are grossly abnormal prothrombin values resulting in widespread haemorrhage, reduced clotting function and degenerative changes to the liver.
Other Information	Hazardous if ingested but large quantities would be needed to produce a toxic effect. Practically non-hazardous by skin contact. The product contains a water soluble dye. If ingested or contact is made with the skin, a stain may appear around the mouth or on contaminated skin indicating that exposure has occurred.

First Aid

Swallowed	Poisonous if swallowed. OBTAIN MEDICAL ATTENTION IMMEDIATELY. Vitamin K1 (phytomenadione is antidotal).
Eye	Flush eyes with water.
Skin	Remove contaminated clothing and wash skin thoroughly with soap and water.
Inhaled	Remove to fresh air.
Other Information	If poisoning occurs, contact a doctor or Poisons Information Centre. Telephone 131126 Australia-wide.

Advice to Doctor

Advice to Doctor	The active constituent flocoumafen is an indirect blood anticoagulant. Ingestion of a relatively large quantity of bait would be required before a toxic effect is expected. In general, an increased tendency to bleed could indicate poisoning. Vitamin K1 (phytomenadione) is antidotal. In cases of suspected poisoning, determine prothrombin time not less than 18 hours after consumption. If elevation has occurred, administer Vitamin K1, intravenously in divided doses, 40mg for adults, 20mg for children daily. Treatment may be required daily for several weeks. Withdraw antidote with care and monitor prothrombin times continuously for 4 days or more after such withdrawal.
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Other Health Hazard Information

PRECAUTIONS FOR USE

Exposure Limits	Grain dust, 4 mg/m3
Eng. Controls	Do NOT inhale dust.

Personal Protection

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Other Information Avoid contact with skin and eyes. When using the product, wear elbow-length PVC gloves. If on skin and after each baiting, wash thoroughly with soap and water. After each day's use, wash gloves.

Flammability

Fire Hazards Not flammable.

SAFE HANDLING INFORMATION

Storage and Transport

Storage and Transport Store in the closed, original container in a safe place. Containers which have held bait should not be used for any other purpose. Pest Control Operations should dispose of empty containers, used bait stations and unused or untaken bait by burying in an approved dump. In a domestic situation, minimize the presence of excess baits. When unused baits are in good condition, return to original container for reuse. For empty containers, damaged or unwanted baits, wrap securely and dispose of in household refuse bin. Look for dead rats or mice and burn or bury them. Do NOT place in refuse bins or rubbish tips. Ensure baits are removed when rodent activity has ceased. Ensure containers are correctly labelled and securely sealed. Not classified as a dangerous substance for transport purposes. Eye wash and washing facilities must be readily available.

Proper Shipping Name None Allocated

Spills and Disposal

Spills & Disposal Clear area of all unprotected personnel. Wear protective equipment. Stop spillage if safe to do so by manoeuvring the container. Place product from damaged container into a clean empty drum remote from storage area and label. If the damaged container can be repacked, contact BASF Australia Ltd, so that an overdrum and transport to a nominated BASF location can be arranged. If possible, re-use the material for its intended purpose. Do NOT flush to drains or sewers. Do NOT contaminate streams, rivers or water courses. Sweep up carefully with brush or broom avoiding dust evolution. Place material in open top drum. Seal drum and bury in an area approved by the local waste disposal authority. Wash surfaces with detergent solution. Destroy empty containers by puncturing or shredding them. Dispose of the containers at a local authority landfill. If not available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty containers and product should NOT be burnt.

Fire/Explosion Hazard

Fire/Explos. Hazard Use dry powder, CO2 foam or water spray extinguishers. Unburned flocoumafen may be carried in the smoke from a fire. Wear full protective clothing and self-contained breathing apparatus. Confine the use of water to the cooling of unaffected stock, thus avoiding the risk of accumulation of polluted water from the run-off from the side. Decontaminate protective clothing before removal.

Hazchem Code None Allocated

OTHER INFORMATION

Toxicology Acute oral rat: LD50 15,492 mg/kg (STORM Wax Block Bait)
Acute dermal rat: LD50 40,600 mg/kg (calculated)

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Other Information ECOLOGICAL INFORMATION
PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT
This bait is hazardous to pigs, cats, dogs, poultry, birds and wildlife. Do NOT place baits in locations which are accessible to other animals or birds. Do NOT contaminate ponds, streams, rivers or waterways with the bait or used containers.
The use of this product for the control of protected native rodents requires permission from wildlife authorities.

Persistence / Degradability Not readily biodegradable.

Ecotoxicity Toxic to mammals. Moderately toxic to birds. Practically non-toxic to fish and other aquatic species. Rodenticide baits and dead rodents can be attractive to mammals and are therefore hazardous to domestic animals and to wildlife.

CONTACT POINT

Contact Regulatory Affairs Officer (Aus) Tel: +61 3 9281 6346 Fax: +61 3 9281 6346
Business Support (NZ) Tel: 0800 932 273 Fax: 0800 940 000

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. It should be read taking into account how the product is handled in your particular situation and how it is used in conjunction with other products.
...End Of MSDS...