

Material Safety Data Sheet

Page 1 of 4

Infosafe No. 1BFJ5 Issue Date : November 2005 RE-ISSUED by BASFANZ

Product Name : AMDRO* GRANULAR ANT BAIT

Not classified as hazardous according to criteria of NOHSC

COMPANY DETAILS

Company Name BASF Australia Ltd (ABN 62 008 437 867)
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Other Information BASF New Zealand Limited
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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 AMDRO* GRANULAR ANT BAIT
Proper Shipping Name None Allocated
UN Number None Allocated
DG Class None Allocated
Packing Group None Allocated
Hazchem Code None Allocated
Poisons Schedule S6
Product Use Ant bait.

Physical Data

Appearance Tan granules
Flash Point 104°C
Solubility in Water Insoluble
Density Bulk density: 240 - 384 kg/m3

Other Properties

Autoignition Temp. approx 404°C
Odour Mild, like vegetable oil
Stability Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.
Materials to Avoid Oxidizing agents

Ingredients

Ingredients	Name	CAS	Proportion
	Hydramethylnon	67485-29-4	0.73 %
	t-butyl hydroquinone	1948-33-0	0.1 %

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed Practically non-toxic.

Material Safety Data Sheet

Page 2 of 4

Infosafe No. 1BFJ5 Issue Date : November 2005 RE-ISSUED by BASFANZ

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Acute - Eye	May be irritating to eyes.
Acute - Skin	Slightly irritating to skin.
Acute - Inhaled	Little inhalation hazard when used in the correct manner.
Chronic	Chronic feeding studies in animals do not indicate any cumulative toxicity and show that the compound is neither a carcinogen nor a teratogen.
Hazards Identification	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Other Information	No adverse health effects are expected if the product is handled in accordance with this Material Safety Data Sheet and the product label.

First Aid

Swallowed	Rinse mouth, then drink plenty of water. Do not induce vomiting. Seek medical attention.
Eye	Hold eyes open, flood with water for 15 minutes and see a doctor.
Skin	Wash skin with plenty of soap and water. Seek medical attention if irritation persists.
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 Treat symptomatically.

Other Health Hazard Information

Eye Irritation	Primary irritations of the mucous membrane/rabbit: non-irritant
Skin Irritation	Primary skin irritation/rabbit: slightly irritating

PRECAUTIONS FOR USE

Exposure Limits	Local exhaust ventilation should be used to maintain exposure below 1.4 mg / m ³ (TWA8)
Eng. Controls	Control generation of airborne dust.

Personal Protection

Respirator Type (AS 1716)	Wear a dust mask if ventilation is inadequate
Eye Protection	Safety glasses with side shields or chemical goggles.
Glove Type	PVC, nitrile rubber or chlorophene rubber gloves.
Other Information	General safety and hygiene measures. Avoid contact with skin, eyes and clothing. Wearing of closed work clothing is recommended. Take off immediately all contaminated clothing. Keep away from food, drink and animal feeding stuffs. Store work clothing separately. No eating, drinking or tobacco use at the place of work. Hands and face should be washed after using the product.

Flammability

Fire Hazards Not flammable.

SAFE HANDLING INFORMATION

Storage and Transport

Material Safety Data Sheet

Page 3 of 4

Infosafe No. 1BFJ5 Issue Date : November 2005 RE-ISSUED by BASFANZ

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Storage Precautions Segregate from foods and animal feeds.

Protect from moisture. Protect from temperatures above 40°C. Keep in a cool, well-ventilated place.
Changes in properties may occur if the product is stored at high temperature for extended periods.

Storage duration 24 months

Handling Avoid skin and eye contact, and breathing in dust.

Storage and Transport Store in the tightly closed, original container in a well-ventilated, dry separate building or room as cool as possible, away from children, animals and unauthorized persons. Store away from food, foodstuffs, drink or clothing. Store separately from fertilizers, insecticides, fungicides, herbicides and seeds.
AMDRO is formulated in an oil bait. Prolonged exposure to air may turn oil rancid and reduce the attractiveness of the bait. USE WITHIN 3 MONTHS AFTER OPENING THE CONTAINER.

Proper Shipping Name None Allocated

Spills and Disposal

Spills & Disposal Wastes resulting from the use of AMDRO may be disposed of on-site by uniform spreading.
If quantity is large, sweep up any spill and place in a closed container for disposal. Avoid generating dust. Do NOT flush to drains or sewers. Do NOT contaminate streams, rivers or watercourses.
Destroy empty containers by breaking, crushing or puncturing and take to an approved landfill. Do NOT burn empty containers or product.

Disposal Considerations Must be dumped in accordance with local waste disposal regulations

Fire/Explosion Hazard

Fire/Explos. Hazard Thermal decomposition may produce hydrogen fluoride and oxides of carbon and nitrogen.
Use water, foam, carbon dioxide or dry chemical to extinguish fires.
Avoid heavy streams.
Airborne dust may create an explosion hazard. Wear self-contained, positive pressure breathing apparatus and full fire fighting protective clothing.
Keep unnecessary people away.
Use as little water as possible.
Contain run-off.

Hazardous Decomposition or Byproducts No hazardous decomposition products if stored and handled as prescribed/indicated.

Hazardous Reaction No hazardous reactions if stored and handled as prescribed/indicated.

Hazchem Code None Allocated

Conditions to Avoid Avoid all sources of ignition. Avoid extreme temperatures. Avoid prolonged exposure to extreme heat. Avoid contamination. Avoid electrostatic discharge. Avoid prolonged storage.

OTHER INFORMATION

Toxicology Acute Toxicity LD50 (mg / kg)
Rat Oral > 5000
Rat Dermal > 2000

Material Safety Data Sheet

Page 4 of 4

Infosafe No. 1BFJ5 Issue Date : November 2005 RE-ISSUED by BASFANZ

Product Name : **AMDRO* GRANULAR ANT BAIT**

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Other Information PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT
This product is highly toxic to fish and aquatic invertebrates. Do NOT apply directly to water.
Do NOT contaminate ponds, waterways or drains with AMDRO or used containers. This product may only be applied within the areas specified on the label. Do NOT apply in high conservation areas such as national/state parks and nature reserves.

Risk Statement R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Statement S2 Keep out of the reach of children
S13 Keep away from food, drink and animal feeding stuffs
S20/21 When using, do not eat, drink or smoke.

References BASF Aktiengesellschaft safety data sheet 30128609 (21.6.05)

Persistence / Degradability Information on hydramethylnon
Not readily biodegradable (by OECD criteria)

Acute Toxicity - Fish Information on hydramethylnon
LC50 (96h): 0.16 mg/l oncorhynchus mykiss

Acute Toxicity - Daphnia Information on hydramethylnon
EC50 (48h): 1.14 mg/l Daphnia magna

Acute Toxicity - Algae Information on hydramethylnon
EC50: 1.4 ug/l algae

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...