

Material Safety Data Sheet

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Infosafe No. 1BFJK Issue Date : November 2005 ISSUED by BASFANZ

Product Name : AMDRO* COCKROACH GEL

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)
Tel/Fax Tel: +61 3 9212 1500 Fax: +61 3 9212 1511
Other Information BASF New Zealand Limited
3 Airpark Drive, Airport Oaks, Manukau
P.O. Box 407, Auckland 1015
Phone: + 64 9 255 4300
Fax: + 64 9 255 4307
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* COCKROACH GEL
Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. - CONTAINS HYDRAMETHYLNON
Other Names

<u>Name</u>	<u>Product Code</u>
Hydramethylnon	

UN Number 3077
DG Class 9
Packing Group III
Hazchem Code 2X
Poisons Schedule S6
Product Use Crop protection product, insecticide.

Physical Data

Appearance Odourless yellow to brown gel.
Melting Point Not available
Boiling Point Not available
Vapour Pressure Not available
Specific Gravity 1.05 - 1.15 g/cm³ @ 20°C
Flash Point Not available
Solubility in Water Insoluble

Other Properties

Autoignition Temp. Not available
Vapour Density Not available
pH Value 5.1 (measured with the undiluted substance)
Materials to Avoid strong oxidizing agents

Ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Hydramethylnon	67485-29-4	2 %
	Inerts		98 %

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HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed Practically non-toxic.
Acute - Eye Non-irritating.
Acute - Skin Non-irritating.
Acute - Inhaled Non-toxic.
Chronic Chronic feeding studies in animals show that the compound is neither genotoxic nor teratogenic. However, hydramethylnon caused testicular atrophy in animals following repeated exposure.
Other Information HAZARDOUS SUBSTANCE, DANGEROUS GOOD.

First Aid

Swallowed Rinse mouth immediately and then drink plenty of water. Seek medical attention. Do not induce vomiting unless told to by a poisons control centre or doctor. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.
Eye Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
Skin After contact with skin, wash immediately with plenty of water and soap. If irritation develops, seek medical attention.
Inhaled Keep patient calm, remove to fresh air and seek medical attention.
First Aid Avoid contact with the skin, eyes, and clothing. remove contaminated clothing. If difficulties occur obtain medical attention. Show container, label and/or safety data sheet to doctor.
First Aid Facilities Safety showers, eye wash and normal washroom facilities.

Advice to Doctor

Advice to Doctor Treat according to symptoms (decontamination, vital functions). No known specific antidote.

Other Health Hazard Information

PRECAUTIONS FOR USE

Exposure Limits No exposure limits established.

Personal Protection

Respirator Type (AS 1716) Respiratory protection not required.
Eye Protection Safety glasses with side-shields (frame goggles).
Glove Type Suitable chemical resistant safety gloves also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other
Other Information Avoid contact with the skin, eyes and clothing. Wearing of closed work clothing is recommended.
Remove contaminated clothing. Store work clothing separately. Keep away from food, drink and animal feeding stuffs. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift.

Flammability

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SAFE HANDLING INFORMATION

Storage and Transport

Storage Precautions Segregate from foods and animal feeds.
Further information on storage conditions: Protect against moisture. Keep in a cool, well-ventilated place.
Storage stability:
Storage duration: 24 Months
Keep container dry.
The stated storage temperature should be noted.
Protect from temperatures below: 0 °C
Changes in the properties of the product may occur if substance/product is stored below indicated temperature for extended periods of time.
Protect from temperatures above: 40 °C

Handling Avoid contact with the skin, eyes and clothing. Ensure thorough ventilation of stores and work areas.
Protection against fire and explosion:
Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy.

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IERG Number 47

Packaging Method #5.9.9

Spills and Disposal

Spills & Disposal For small amounts: Contain with absorbent material (e.g. sand, silica gel, acid binder, general purpose binder, sawdust).
For large amounts: Dispose of contaminated material as prescribed.
Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Collect waste in suitable containers, which can be labeled and sealed. Incinerate or take to a special waste disposal site in accordance with local authority regulations.

Disposal Must be landfilled or incinerated in accordance with local regulations.

Personal Precautions Avoid contact with the skin, eyes and clothing. Use personal protective clothing. Ensure adequate ventilation.

Environmental Precautions Do not discharge into drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

Container Disposal Contaminated packaging should be emptied as far as possible and disposed of in accordance with official regulations after being thoroughly cleaned.
Uncleaned empties should be disposed of in the same manner as the contents.

Fire/Explosion Hazard

Fire/Explos. Hazard The substances/group of substances mentioned can be released in case of fire; Carbon monoxide, hydrogen fluoride, or nitrogen oxides.

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

Extinguishing Media Carbon dioxide, dry extinguishing media, foam or water spray.

Hazardous Reaction Corrosive effects to metal are not anticipated. Not corrosive to mild steel.
No hazardous reactions if stored and handled as prescribed/indicated.

Hazchem Code 2X

Protective Equipment Wear self-contained breathing apparatus and chemical protective clothing.

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Conditions to Avoid Avoid all sources of ignition: heat, sparks, open flame. Avoid extreme temperatures. Avoid prolonged exposure to extreme heat. Avoid contamination. Avoid electro-static discharge. Avoid prolonged storage.

Other Information In case of fire and/or explosion do not breathe fumes. Keep containers cool by spraying with water if exposed to fire. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

OTHER INFORMATION

Toxicology LD50/oral/rat/male/female: > 5,000 mg/kg
LD50/dermal/rat/male/female: > 4,000 mg/kg
Primary skin irritation/rabbit: non-irritant
Primary irritations of the mucous membrane/rabbit: non-irritant
Sensitization/guinea pig: Skin sensitizing effects were not observed in animal studies.
Additional information:
Misuse can be harmful to health.

Information on Ecological Effects Toxicity to fish:
Oncorhynchus mykiss/LC50 (96 h): > 0.45 mg/l
Aquatic invertebrates:
Daphnia magna/EC50 (48 h): 1.14 mg/l
Aquatic plants:
Pseudokirchneriella subcapitata/EC50 (72 h): 0.0059 mg/l

Other Information Ecological data are not available. The ecological data given are those of the active ingredient. Do not discharge product into the environment without control.

Risk Statement R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Statement S13 Keep away from food, drink and animal feeding stuffs.
S2 Keep out of reach of children.
S20/21 When using, do not eat, drink or smoke.
S35 This material and its container must be disposed of in a safe way.
S36/37 Wear suitable protective clothing and gloves.
S46 If swallowed, seek medical advice immediately and show this container or label.
S57 Use appropriate container to avoid environmental contamination.

Hazard Category Harmful, Dangerous for the environment

References BASF Aktiengesellschaft SDS. Reference No 30269350 (August 2005)

Persistence / Degradability Not readily biodegradable.

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...