

Material Safety Data Sheet

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Infosafe No. 1BFJI Issue Date : December 2005 RE-ISSUED by BASFANZ

Product Name : ABATE* 50SG MOSQUITO LARVICIDE GRANULES

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
3 Airpark Drive, Airport Oaks, Manukau
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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 ABATE* 50SG MOSQUITO LARVICIDE GRANULES
Proper Shipping Name None Allocated
Other Names Name Product Code
Temephos
UN Number None Allocated
DG Class None Allocated
Packing Group None Allocated
Hazchem Code None Allocated
Poisons Schedule S6
Product Use Organophosphorus insecticide for control of mosquito and nuisance midge larvae.

Physical Data

Appearance Buff coloured granules with mercaptan-like odour
Melting Point Not applicable
Boiling Point Not applicable
Vapour Pressure Not applicable
Specific Gravity Not applicable
Flash Point Not applicable
Flamm. Limit LEL Not available
Flamm. Limit UEL Not available
Solubility in Water Negligible

Other Properties

Volatile Component Negligible
Autoignition Temp. Not applicable
Evaporation Rate Not applicable
Vapour Density Not applicable

Ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
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Temephos	3383-96-8	5 %
Sand		95 %

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed Toxic, depending on dose.

Acute - Eye Non toxic in practice.

Acute - Skin Mildly irritating.

Acute - Inhaled Inhalation of material may cause respiratory tract irritation and prolonged exposure may affect pulmonary function.

Chronic Chronic feeding studies on animals do not indicate any cumulative toxicity and show that the compound is neither a carcinogen nor a teratogen.

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 If swallowed, give one atropine tablet every 5 minutes until dryness of the mouth occurs. Get to a doctor or hospital quickly.

Eye If in eyes, hold eyelids open and flush with water.

Skin If poisoned by skin absorption, remove any contaminated clothing, wash skin thoroughly and give atropine tablets as above. Get to a doctor or hospital quickly.

Inhaled If poisoned through lungs, remove from contaminated area. Give atropine tablets as above. Apply artificial respiration, if not breathing. Get to a doctor or hospital quickly.

Other Information If poisoning occurs, contact a doctor or Poisons Information Centre. Telephone 131126 Australia-wide.

Advice to Doctor

Advice to Doctor This product may inhibit activity of cholinesterase. Atropine is antidotal. Pralidoxime chloride (2-PAM; PROTOPAM chloride) may be effective as an adjunct to atropine.

Other Health Hazard Information

PRECAUTIONS FOR USE

Exposure Limits Not available.

Eng. Controls Wear protective clothing, rubber gloves, and goggles to prevent exposure to skin and eyes. Wear an approved toxic-dust respirator when such exposure could occur. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Personal Protection

Other Information Do NOT inhale dust. Wash hands after use.

Flammability

Fire Hazards Not flammable.

SAFE HANDLING INFORMATION

Storage and Transport

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Storage and Transport Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight.

Proper Shipping Name None Allocated

Spills and Disposal

Spills & Disposal Clear area of all unprotected personnel. Wear protective equipment as above and shovel spill into metal drums. Seal drums and bury in an area approved by the local waste disposal authority.
For endusers: If recycling, triple or preferably pressure rinse containers before disposal. Do NOT dispose of undiluted chemicals on-site. Bury the rinsate below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. 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.

Fire/Explosion Hazard

Fire/Explos. Hazard Thermal decomposition may produce oxides of carbon, phosphorus and sulphur.

Fire Fighting Precautions Evacuate people who may come in contact with smoke or fumes or contaminated surfaces. Alert medical personnel to be ready to treat exposed individuals. Wear self-contained, positive pressure breathing apparatus and full firefighting protective clothing.
Decontaminate emergency personnel when leaving fire area.
Isolate area until gases, vapours or fumes have dispersed.
Pesticide is attached to sand granules, which will not burn, but toxic fumes may be released.
Control run-off water. If water enters drainage system, advise the authorities downstream.

Extinguishing Media Extinguish using an agent suitable for the surrounding fire. (Material itself does not burn or burns with difficulty).

Hazchem Code None Allocated

OTHER INFORMATION

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

Other Information PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT
Do NOT apply to areas of water where birds are actively foraging, particularly where birds may obtain large quantities of larvae affected by ABATE or where rapidly dropping water levels or shallow depth allows birds easy access to larvae.
Do NOT apply granules to dry areas where birds can eat them.
Do NOT apply to areas where treated water may affect crustaceans or molluscs.
Where possible, consider reducing application rates where water on breeding sites is of a general depth less than 30 cm.

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.

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...End Of MSDS...