

# MATERIAL SAFETY DATA SHEET

DATE OF ISSUE: 22.09.2012

PREPARED BY: LL

## 1. IDENTIFICATION OF MATERIAL AND SUPPLIER

<b>PRODUCT NAME:</b> Barmac Scuttle Cockroach Gel	<b>OTHER NAMES:</b> No other names	<b>APVMA REGISTRATION NUMBER:</b> 56389.
<b>USE:</b> Insecticide	<b>AUSTRALIAN DISTRIBUTOR:</b> Barmac, a division of Amgrow Pty Ltd, 17 Machinery Street, Darra, QLD 4076 Phone: (07) 3727 3000 Fax: (07) 3727 3030	<b>EMERGENCY PHONE NUMBERS:</b> Fire Brigade, Ambulance and Police Services: 000 Poisonings: 131 126 POISON INFORMATION CENTRE
<b>FORM:</b> Gel.		

## 2. HAZARD IDENTIFICATION

Classified as hazardous according to the criteria of SWA. Dangerous according to the Australian Dangerous Goods for Roads and Trains (ADG) Code.  <b>HAZARD CATEGORY:</b> Xn (harmful).  <b>POISON SCHEDULE:</b> S6 according to the SUSMP.	<b>RISK PHRASES:</b> R22, R48.	<b>SAFETY PHRASES:</b> S1/2, S22, S26, S36/37, S45, S60/61.
	<b>HAZCHEM CODE:</b> No data.	<b>UN NUMBER:</b> Exempt.

## 3. COMPOSITION INFORMATION ON INGREDIENTS

<b>MIXTURE: CHEMICAL IDENTITY:</b>  Hydramethylnon. Non-hazardous ingredients	<b>PROPORTION:</b>  2% Up to 100%	<b>CAS NO:</b>  67485-29-4 Not Applicable
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## 4. FIRST AID MEASURES

<b>SWALLOWED:</b> Drink plenty of water. If symptoms occur seek medical advice.	<b>SKIN:</b> Remove contaminated clothing and wash affected areas with soap and water. Seek medical advice if irritation develops..
<b>EYES:</b> Irrigate eyes with plenty of running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention if symptoms persist.	<b>INHALED:</b> Remove to fresh air. Seek immediate medical attention if symptoms persist.

**FIRST AID FACILITIES:** Provide eye wash and shower facilities in workplace.

## 5. HEALTH EFFECTS

**INGESTION:** Non irritant.

**EYES:** May be an irritant.

**SKIN:** Non irritant.

**INHALED:** Non toxic.

**CHRONIC:** No data for health effects associated with long term ingestion, inhalation, skin contact or eye contact with this product.

## 6. FIRE-FIGHTING MEASURES

**UNUSUAL FIRE & EXPLOSION HAZARDS:** Thermal decomposition may produce carbon monoxide and/or carbon dioxide, oxides of nitrogen and hydrogen fluoride.

**SPECIAL FIRE FIGHTING PROCEDURES:**  
Must wear full protective clothing when fighting fire. Approach upwind.

**FLAMMABILITY:** Non-flammable

**HAZCHEM CODE:** No data.

**EXPOSURE LIMITS:**  
SWA has not set an exposure standard for hydramethylnon so a standard of dust as TWA 10 mg/m<sup>3</sup>.

**EXTINGUISHING MEDIA:** Use media suitable to surrounding burning media.

## 7. ACCIDENTAL RELEASE MEASURES

**PERSONAL PROTECTION:** Wear protective clothing. Wash hands after use.

**ENVIRONMENTAL PROTECTION:** Do not allow into drains or waterways.

**CLEAN UP AND DISPOSAL:** Mop up and dispose. Break container, place in plastic bag and wrap in newspaper and place in bin.

## 8. HANDLING AND STORAGE

**HANDLING:** Wash hands after use. Keep out of reach of children.

**STORAGE:** Store in a cool, dry area, away from sunlight.

## 9. EXPOSURE CONTROL/PERSONAL PROTECTION

**EYE PROTECTION:** Not usually necessary, however if any doubts, consult the Australian Standard.

**PROTECTIVE MATERIAL TYPES:** Not usually necessary, however if any doubts, consult the Australian Standard.

**SKIN PROTECTION:** Not usually necessary, however if any doubts, consult the Australian Standard.

**RESPIRATOR:** Not usually necessary, however if any doubts, consult the Australian Standard.

**EXPOSURE LIMITS (TWA):**  
SWA has not set an exposure standard for hydramethylnon so a standard of dust as TWA 10 mg/m<sup>3</sup>.

**VENTILATION:**  
This product should only be used where there is ventilation that is adequate to keep exposure below the TWA levels.

## 10. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b> Opaque yellow gel with a slight nutty odour.	<b>BOILING POINT:</b> No data.	<b>SPECIFIC GRAVITY (20°C):</b> 1.05-1.15.	<b>FLAMMABILITY:</b> No data
<b>FLASH POINT:</b> Not flammable	<b>VAPOUR DENSITY:</b> No data	<b>VAPOR PRESSURE (20°C):</b> No data.	<b>SOLUBILITY:</b> Soluble

## 11. STABILITY AND REACTIVITY

<b>STABILITY:</b> Stable if stored in original container under normal ambient conditions.	<b>INCOMPATIBILITY/ CONDITIONS TO AVOID:</b> Extreme heat.
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**HAZARDOUS DECOMPOSITION PRODUCTS:** Product is unlikely to polymerise.

## 12. TOXICOLOGICAL INFORMATION

Rat, Oral LD50 - >5000 MG/Kg  
Rabbit, Dermal LD50 - >2000 MG/KG  
Rabbit, Eye Irritation -Non irritating

## 13. ECOLOGICAL INFORMATION

Fish toxicity: Hydramethylnon: LC50: 1.70 mg/L (96 h) bluegill sunfish. &: LC50: 0.16 mg/L (96 h) rainbow trout  
Daphnia toxicity: Hydramethylnon: LC50: 1.14 mg/L (48 h) Daphnia magna.  
Toxicity to algae: Not available  
Bird toxicity: Hydramethylnon: LD50: >2510 mg/kg mallard ducks  
Hydramethylnon: LD50: 1828 mg/kg bobwhite quail  
Bee toxicity: Non-toxic topically to honeybees at 0.03 mg/bee

Environmental fate, persistence and degradation: Hydramethylnon has low solubility in water and is rapidly degraded in sunlight.

## 14. DISPOSAL

**WASTE DISPOSAL METHOD:** Dispose according to applicable local and state government regulations.

## 16. REGULATORY INFORMATION

<b>POISONS SCHEDULE:</b> S6	<b>HAZARD CATEGORY:</b> No data.
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## 16. OTHER INFORMATIONS

This MSDS contains only safety-related information. For other data see product literature.

**Acronyms:**

**ADG Code:** Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th Edition  
**SWA** Safe Work Australia, formerly ASCC and NOHSC  
**CAS Number** Chemical Abstracts Service Registry Number  
**SUSMP** Standard for the Uniform Scheduling of Medicines & Poisons  
**UN:** United Nations Number  
**TWA:** Time weight average.

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