

**GRANT'S
KILLS ANTS™**



GRANT'S ANT CONTROL A

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MATERIAL SAFETY DATA SHEET

CAS NO. 67485-29-4
DATE: Oct. 15, 2002

EMERGENCY TELEPHONE:

PRODUCT IDENTIFICATION	TRADE NAME: GRANT'S KILLS ANTS GRANT'S ANT CONTROL A
	SYNONYMS: Tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone [3-[4(trifluoromethyl)phenyl]-1-[2-[4-(trifluoromethyl)phenyl]ethenyl]-2-propenylidene]hydrazone; Hydramethylnon
	CHEMICAL FAMILY: Amidinohydrazone
	MOLECULAR FORMULA: C<25>H<24>N<4>F<6>
	MOLECULAR WEIGHT: 494.500
	USAGE: Insecticide

WARNING STATEMENTS	CAUTION! KEEP OUT OF REACH OF CHILDREN. AVOID ANY PROLONGED CONTACT TO SKIN OR EYES.
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INGREDIENTS	COMPONENT	CAS. NO.		PEL/TLV
	*Hydramethylnon	067485-29-4	1.00%	1.4 mg/m ³ (TWA)
	Inerts		99.00%	

*Section 313 Toxic Chemical
REFERENCE: Hydramethylnon CAS. NO. 067485-29-4

PHYSICAL PROPERTIES	APPEARANCE:	Semi-solid (gelatinous)
	ODOR:	None
	BOILING POINT:	Not Applicable
	MELTING POINT:	Not Applicable
	VAPOR PRESSURE:	Not Applicable
	BULK DENSITY:	1.365 g/ml
	VAPOR DENSITY:	Not Applicable
	% VOLATILITY (BY VOL.):	Not Applicable
	OCTANOL / H<2>O	
	PARTITION COEF:	Not Applicable
	pH:	Not Applicable
	SATURATION IN AIR (BY VOL.):	Not Applicable
	EVAPORATION RATE:	Not Applicable
SOLUBILITY IN WATER:	Insoluble	

**FIRE AND
EXPLOSION
HAZARD
INFORMATION**

FLASH POINT: Not Applicable

**FLAMMABLE LIMITS
(% BY VOL.):** Not Available

AUTOIGNITION TEMP: Not Available

DECOMPOSITION TEMP: Not Available

FIRE EXTINGUISHING MEDIA:
Use water fog, foam, carbon dioxide, or dry chemical, to extinguish fires.

FIRE CONTROL TACTICS:
Wear self-contained, positive pressure breathing apparatus and full fire fighting protective clothing.

REACTIVITY DATA

STABILITY: Stable

POLYMERIZATION: Will not occur

**INCOMPATIBLE
MATERIALS:** None known

**HAZARDOUS
DECOMPOSITION
PRODUCTS:** Burning may yield carbon monoxide

**HEALTH HAZARD
INFORMATION**

**TOXICITY DATA AND
EFFECTS OF OVEREXPOSURE:**

ACUTE TOXICITY DATA (.73% A.I.):
The acute oral LD<50> in both male and female rats is greater than 5000 mg/kg indicating that this product is practically non-toxic by ingestion in single doses. The acute dermal LD<50> in both male and female rabbits is greater than 2000 mg/kg indicating this product is no more than slightly toxic by single skin applications. This product is mildly irritating to the rabbit skin but is not irritating to the rabbit eye. Hydramethylnon, the active ingredient in this product, is not listed as a carcinogen By OSHA, IARC or NTP.

EMERGENCY AND FIRST AID PROCEDURES:

<IF INHALED>: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

<IF SWALLOWED>: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

<IF ON SKIN>: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

<IF IN EYES>: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

NOTES TO PHYSICIAN:
There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

**EXPOSURE
CONTROL METHODS**

During the formulation of this product, use the following recommended industrial hygiene practices.

Local exhaust ventilation should be used to maintain exposure below 1.4 mg/m³ (TWA⁸), and to control the generation of airborne dust at points of transfer or other points where full enclosure is not feasible. When engineering control is not feasible and employee exposure exceeds 1.4 mg/m³ wear a NIOSH approved pesticide respirator. In operations where there is a risk of accidental exposure to eyes, wear dust proof goggles, overalls, and gloves.

Remove contaminated clothing/equipment, wash before reuse.

For end users, use the recommended protective / equipment as prescribed by product label.

**SPILL OR LEAK
PROCEDURES**

Wear appropriate protective clothing and personal protective equipment. (See "Exposure Control".) Keep away from drains, surface and ground water, and soil. Keep all sources of ignition away from the spill, and avoid creating dusty conditions when handling this material. If heavy dusting cannot be avoided, ground all equipment.

Shovel or sweep the spilled material into covered containers for proper disposal. (See "Waste Disposal".) If possible, reuse the material for its intended purpose.

Rinse the spill area and any tools or implements several times with soapy water.

Contain and absorb this rinsate with inert absorbents and place into the same covered container as the spilled material. Spills to the soil can be shoveled directly into covered containers for disposal. If the spill occurred to a body of water, notify the appropriate authorities downstream of the spill so that they can decide what if any further action is needed.

Depending on local spill reporting requirements and the amount released to the environment, it may be necessary to notify the regulatory authorities.

WASTE DISPOSAL:

To avoid disposal, all attempts should be made to use this product completely, in accordance with its registered use. If this is not possible, handle with care and dispose in a safe manner. Keep all sources of ignition away and avoid creating dusty conditions when handling this product. If heavy dusting cannot be avoided, ground all equipment. Empty containers or liners may retain some product residues. **DO NOT REUSE.** Rinse the container or liner as needed for disposal. Render it unusable by crushing or puncturing. Dispose of the container and any rinsate in a safe manner. Follow all applicable community, national or regional regulations regarding waste management methods.

**SPECIAL
PRECAUTIONS****HANDLING AND STORAGE:**

This product is toxic to fish. Do not apply directly to lakes, ponds, or streams. This product may be an attractant to pets and rodents. Store in a secure place. Keep pets away from treated areas for at least 24 hours after application.

STORAGE: STORE IN A COOL, DRY, SECURE PLACE AND KEEP CONTAINER TIGHTLY CLOSED. This product is formulated in an oil bait that functions as an attractant to ants. Prolonged exposure to air may turn oil rancid and reduce the attractiveness of the bait. **USE WITHIN 3 MONTHS AFTER OPENING CONTAINER.**

Maintain good housekeeping to control dust accumulations. Due to dust explosion hazard, all processing equipment should have explosion venting per NFPA 68-1978. All electrical wiring and equipment should meet the provisions of NFPA - 70. Do not contaminate water, food, or feed by storage or disposal. Store in a secure, dry, well-ventilated separate room, building or covered area. Keep away from sources of ignition and protect from exposure to fire and heat. Segregate from oxidizers and incompatible materials listed in the Reactivity Data section.

ADDITIONAL REGULATORY INFORMATION

SARA Title III Data

Section 311 and 312 Hazard Categories

Immediate Health Hazard - Y

Delayed Health Hazard - N

Reactive Hazard - N

Sudden Pressure - N

Release Hazard

Fire Hazard - N

Section 302 Extremely Hazardous Substances - None

Section 313 Toxic Chemicals - Hydramethylnon

CERCLA Reportable Quantity

GRANT'S ANT CONTROL A - None known

RCRA Hazardous Waste Code(s) and Statement(s)

GRANT'S ANT CONTROL A - None known

It is the responsibility of the waste generator to determine at the time of disposal whether this material meets any hazardous waste criteria.

APPENDIX

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. **NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.**