

AMDRO FIRE ANT BAIT

EPA Reg.
73342-1

AMBRANDS

2030 Powers Ferry Road
Suite 370
Atlanta, GA 30339

Material Safety Data Sheet

Cas. No. 067485-29-4

Date: 4/25/06

Emergency Telephone: 1-800-265-0761

PRODUCT	TRADE NAME: AMDRO<R> GRANULAR INSECTICIDE
INDENTIFICATION	SYNONYMS: Tetrahydro-5, 5-dimethyl-2 (1H)-pyrimidinone [3-[4(trifluoromethyl)phenyl]-1-[2-[4-(trifluoromethyl)phenyl]etheny]-2-propenylidene]hydrazone; AMDRO<R> Fire Ant Insecticide; Hydramethylnon
CHEMICAL	FAMILY: Amidinohydrazone
MOLECUL	AR FORMULA: C<25>H<24>N<4>F<6>
MOLECULAR	WEIGHT: 494.500
	USAGE: INSECTICIDE

WARNING CAUTION!
STATEMENTS

KEEP OUT OF REACH OF CHILDREN

INGREDIENTS	COMPONENT	CAS.	NO.	%	PEL/TLV
*Hydram	ethylnon	067485-29-4	0.73	1.4 mg/m<3> (TWA)	
	Inerts		99.27		
*Section	313 Toxic Chemical				
	REFERENCE: Hydramethylnon	American Cyanamid – 1986			
	Inerts				

PHYSICAL	APPEARANCE	AND Ye	llow-tan, free flowing granules
PROPERTIES	ODOR		having an odor characteristic of vegetable oil
BOILING	POINT:	Not	Applicable
MELTING	POINT:	Not	Applicable
VAPOR	PRESSURE:	Not	Applicable
BULK	DENSITY:	15-24	lbs./ft.>3<
VAP	OR DENSITY:	Not	Applicable
%	VOLATILITY (BY VOL.):		Not Applicable
OCTANOL	/ H<2>0	Not	Applicable
PH:	PARTITION COEF.:		
	Not		Applicable
SATURATION	IN	Not	Applicable
EVAP	AIR (BY VOL.):		
	ORATION RATE:		Not Applicable

SOLUBILITY	IN Insoluble
FIRE AND EXPLOSION HAZARD INFORMATION	WATER: FLASH POINT: > 220<o>F (> 104<o>C) Setaflash (c.cup) LE LIMITS Not Available (% BY VOL.): TION TEMP: 404 +/- 5<o>C OSITION TEMP: Not Available EXTINGUISHING MEDIA: water, foam, carbon dioxide, or dry chemical, to extinguish fires. CONTROL TACTICS: heavy hose streams, airborne dust may create an explosion Wear self-contained, positive pressure breathing apparatus and full fighting protective clothing. Keep unnecessary people away. Use as little water as possible. Dike area of fire to prevent material run-off. Use spray or fog – solid stream may cause spreading. Do not decontaminate personnel or equipment, or handle broken packages or containers without protective equipment as specified in the Exposure Control Section. Decontaminate emergency personnel with soap and water before leaving the fire area. Avoid breathing dusts, vapors and fumes from burning materials. Control run-off water – if water enters a drainage system, advise the authorities downstream. 20-liter through

NFPA HAZARD RATING	0	Least 1 1 Slight 2 Moderate 3 High 4 Severe	/ \ 1 0 \ /	Flammability Health Reactivity Special
REACTIVITY DATA CONDITIONS	POLYMERIZATION:	STABILITY: Stable TO AVOID: This	W	product may develop on prolonged exposure to air. ill not occur Not Available
MATERIALS:		INCOMPATIBLE		

HAZARDS DECOMPOSITION PRODUCTS:	Therm produce and	al decomposition may hydrogen fluoride oxides of carbon and nitrogen.
HEALTH HAZARD INFORMATION ACUTE	TOXICITY DATA AND EFFECTS OF OVEREXPOSURE: E TOXICITY DATA: The acute oral LD ₅₀ in both male and female rats is greater than mg/kg indicating that this product is practically non-toxic by in single doses. The acute dermal LD ₅₀ in both male female rabbits is greater than 5000 mg/kg indicating this is no more than slightly toxic by single skin applications. product is mildly irritating to the rabbit skin but is not irritating to the rabbit eye.	
5000 ingestion and product This	ethylnon, the active ingredient in AMDRO, is not listed as a carcinogen by OSHA, IARC or NTP.	
Hydram	NCY AND FIRST AID PROCEDURES:	
EMERGE	<IF INHALED>: Remove to fresh air.	
<IF vom	SWALLOWED>: Drink two glasses of water, induce iting if the person is conscious. Seek medical attention.	
Get	<IF ON SKIN>: Wash skin with plenty of soap and water. medical attention if irritation occurs.	
if	<IF IN EYES>: Flush with plenty of water. Get medical attention irritation occurs.	
NOTES	TO PHYSICIAN:	
There be	is no specific antidote. Treatment of overexposure should directed at the control of symptoms and the clinical condition.	
EXPOSURE During CONTROL METHODS	the formulation of this product, use the following recommended industrial hygiene practices.	
Local below airborne enclosure When exceeds	exhaust ventilation should be used to maintain exposure 1.4 mg/m ³ (TWA ₈), and to control the generation of dust at points of transfer or other points where full is not feasible. engineering control is not feasible and employee exposure 1.4 mg/m ³ 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.	
Re For prescribed	move contaminated clothing/equipment, wash before reuse. end users, use the recommended protective/equipment as 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.	

dusty	Keep all sources of ignition away from the spill, and avoid creating conditions when handling this material. If heavy dusting cannot be avoided, ground all equipment.
proper disposal.	Shovel or sweep the spilled material into covered containers for 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 authorities downstream of the spill so that they can
appropriate 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 use. If this is not possible, handle with care and dispose
registered in	a safe manner.
conditions avoided,	Keep all sources of ignition away and avoid creating dusty when handling this product. If heavy dusting cannot be ground all equipment. Empty containers or liners may retain some product residues. DO NOT REUSE. Rinse the
container crushing a	or liner as needed for disposal. Render it unusable by or puncturing. Dispose of the container and any rinsate in safe manner.
Follow regarding	all applicable community, national or regional regulations waste management methods.
SPECIAL PRECAUTIONS	HANDLING AND STORAGE: This product is toxic to fish. Do not apply directly to lakes, ponds, streams. This product may be an attractant to pets and rodents. 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. AMDRO 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	s of the bait. USE WITHIN 3 MONTHS AFTER
OPENING	CONTAINER.
Maintain	good housekeeping to control dust accumulations.
Due to the 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.	

Store covered	Do not contaminate water, food, or feed by storage or disposal. in a secure, dry, well-ventilated separate room, building or area.
fire	Keep away from sources of ignition and protect from exposure to and heat.
Reactiv	Segregate from oxidizers and incompatible materials listed in the ity Data Section.

ADDITIONAL REGULATORY INFORMATION

SARA Title III Data

Section 311 and 312 Hazard Categories

Immediate Health Hazard – Y	Reactive Hazard – N
Delayed Health Hazard - N	Sudden Pressure – N
	Release Hazard
Fire Hazard - N	

Section 302 Extremely Hazardous Substances - None

Section 313 Toxic Chemicals - Hydramethylnon

CERCLA Reportable Quantity

AMDRO<R> GRANULAR INSECTICIDE - None known.

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

AMDRO<R> GRANULAR INSECTICIDE – 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 IF MADE.

DATE: 4/25/06