

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 IDENTIFICATION	TRADE NAME: AMDRO<R> GRANULAR INSECTICIDE
	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 MOLECULAR MOLECULAR	FAMILY: Amidinohydrazone AR FORMULA: C<25>H<24>N<4>F<6> 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 PROPERTIES	APPEARANCE	AND Ye	llow-tan, free flowing granules having an odor characteristic of vegetable oil
	ODOR		
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
	PARTITION COEF.:		
PH:	Not		Applicable
SATURATION	IN	Not	Applicable
EVAP	AIR (BY VOL.):		
	ORATION RATE:		Not Applicable

SOLUBILITY IN Insoluble

WATER:

FIRE AND EXPLOSION HAZARD INFORMATION: FLAMMABLE LIMITS (% BY VOL.): Not Available

FLASH POINT: > 220<o>F (> 104<o>C) Setaflash (c.cup)

AUTOIGNITION TEMP: 404 +/- 5<o>C

DECOMPOSITION TEMP: Not Available

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

Use heavy hose streams, airborne dust may create an explosion hazard.

CONTROL TACTICS: 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 the run-off water – if water enters a drainage system, advise the authorities downstream.

20-liter DUST EXPLOSION DATA: This material has been tested in a spherical bomb (per NFPA 68-1978) and has been found to be a Class 1 dust explosion hazard. <1% of this material passed through a 200 mesh screen for explosion testing after being ground up. If the material is further processed, the dust explosion hazard may change and it should be retested.

NFPA HAZARD RATING	0	Least 1	Flammability
		1 Slight	/ \
		2 Moderate	1 0
		3 High	\ /
	4	Severe	Special

REACTIVITY DATA: STABILITY: Stable

CONDITIONS: TO AVOID: This product may develop rancidity on prolonged exposure to air.

POLYMERIZATION: W ill not occur

MATERIALS: INCOMPATIBLE Not Available

HAZARDS DECOMPOSITION PRODUCTS:	Therm produce and	al decomposition may hydrogen fluoride oxides of carbon and nitrogen.
HEALTH HAZARD INFORMATION	TOXICITY DATA AND EFFECTS OF OVEREXPOSURE:	
ACUTE	E TOXICITY DATA:	
5000 ingestion and product This	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.	
Hydram	ethylnon, the active ingredient in AMDRO, is not listed as	
	a carcinogen by OSHA, IARC or NTP.	
EMERGENCY	FIRST AID PROCEDURES:	
<IF vom	<IF INHALED>: Remove to fresh air.	
Get	<IF SWALLOWED>: Drink two glasses of water, induce vomiting if the person is conscious. Seek medical attention.	
if	<IF ON SKIN>: Wash skin with plenty of soap and water. medical attention if irritation occurs.	
NOTES	<IF IN EYES>: Flush with plenty of water. Get medical attention if irritation occurs.	
There	TO PHYSICIAN:	
be	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/m ³ (TWA), 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/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	move 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.	

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 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 what if any further action is needed.

appropriate decide on local spill reporting requirements and the amount released regulatory authorities.

WASTE

DISPOSAL: To avoid disposal, all attempts should be made to use this product completely, in accordance with its registered in use. If this is not possible, handle with care and dispose 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 or liner as needed for disposal. Render it unusable by a or puncturing. Dispose of the container and any rinsate in a safe manner.

Follow regarding all applicable community, national or regional regulations waste management methods.

SPECIAL HANDLING

PRECAUTIONS

or
Store
least

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.

attractiveness
OPENING
Maintain
Due
have

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 effectiveness of the bait. **USE WITHIN 3 MONTHS AFTER CONTAINER.**
good housekeeping to control dust accumulations. to the dust explosion hazard, all processing equipment should explosion venting per NFPA 68-1978. All electrical wiring And equipment should meet the provisions of NFPA-70.

Store covered
fire
Reactiv

Do not contaminate water, food, or feed by storage or disposal.
in a secure, dry, well-ventilated separate room, building or
area.
Keep away from sources of ignition and protect from exposure to
and heat.
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