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MATERIAL SAFETY DATA SHEET

Manufactured By:
BASF Corporation
Agricultural Products Group
P.O. Box 13528,
Research Triangle Park, NC 27709

BASF Corporation: 1 (800) 832-HELP
CHEMTREC: 1 (800) 424-9300

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SECTION 1-PRODUCT INFORMATION			
Trade Name: Siege® Pro fire ant bait			
Chemical Name: tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone 3-4-(trifluoromethyl)phenyl-1-2-4-(trifluoromethyl)phenyl-ethenyl-2-propenylidene-hydrazone			
Synonyms: hydramethylnon, AC 217,300; Amdro® fire ant bait			Formula: C25 H24 F6 N4
Chemical Family:~ Amidinohydrazone			Mol Wt: 494.5
SECTION 2-INGREDIENTS			
COMPONENT	CAS NO.	%	% PEL/TLV - SOURCE
hydramethylnon	67485-29-4	0.73	1.4 mg/m3 TWA recommended manufacturer
Inerts	N/A	99.27	None established
SARA Title III Section 313: *Listed			
SECTION 3-PHYSICAL DATA			
BOILING/MELTING POINT@760mm Hg: 185-190C			pH: N/D
VAPOR PRESSURE mmHg@ 20*C: 6x10(-8)@25C			
SPECIFIC GRAVITY OR BULK DENSITY: 15-24 lb/cu.ft.			
SOLUBILITY IN WATER: 0.88 ppm @ 250C (technical)			
APPEARANCE: Mustard Color granules	ODOR: Vegetable oil		INTENSITY: Mild
SECTION 4-FIRE AND EXPLOSION DATA			
FLASH POINT (TEST METHOD): >220^{O}F (SFCC)			AUTOIGNITION TEMP: About 404^{O}C
FLAMMABILITY LIMITS IN AIR (% BY VOL):	LOWER: N/D		UPPER: N/D
NFPA 704 HAZARD CODES HEALTH: N/R FLAMMABLE: N/R INSTABILITY: N/R OTHER: N/R			
NFPA 30 STORAGE CLASSIFICATION: N/R			
EXTINGUISHING MEDIUM	Use water fog, CO(2), or dry chemical extinguishing media		
SPECIAL FIREFIGHTING PROCEDURES	Firefighters should be equipped with self-contained breathing apparatus and turnout gear.		
UNUSUAL FIRE EXPLOSION HAZARDS	Organic dusts may form an explosive dust/air mixture. Class St-1 explosive dust.		

SECTION 5-HEALTH DATA

TOXICOLOGICAL TEST DATA:
Data for the formulated product:
Rat, Oral LD50 (combined sexes) > 5000 mg/kg
Rabbit, Dermal LD50 (combined sexes) > 2000 mg/kg
Rat, Inhalation LC50 (4 hr) Not available
Rat, Inhalation LC50 (1 hr, calculated) Not available
Rabbit, Eye Irritation - Not irritating
Rabbit, Skin Irritation - Mildly irritating
Guinea pig, Dermal Sensitizer - Not a sensitizer
Data for the technical material:
In a two generation rat reproduction study, male reproductive fertility was depressed at 75 ppm due to degenerative
testicular changes but this effect was not seen at 50 ppm.
OSHA, NTP, or IARC Carcinogen: Not listed.

EFFECTS OF OVEREXPOSURE:
See Product Label and Directions For Use for additional precautionary statements.
CAUTION: KEEP OUT OF REACH OF CHILDREN

Existing medical conditions aggravated by this product: None known.

FIRST AID PROCEDURES
If swallowed: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger.
If person is unconscious, do not give anything by mouth and do not induce vomiting. Get medical attention.
If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.
If in eyes: Flush eyes with plenty of water. Call a physician if irritation persists.
If inhaled: Move person to fresh air.
Note to physician: There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition.
Note: Have the product container or label with you when calling a poison control center or doctor or going for treatment.

SECTION 6-REACTIVITY DATA

STABILITY: Stable. See Section X - Additional Information

CONDITIONS TO AVOID: Store in original container in cool, dry, well-ventilated place away from ignition sources, heat or flame.

CHEMICAL INCOMPATIBILITY: Oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen, HF

HAZARDOUS POLYMERIZATION: Does not occur.

CONDITIONS TO AVOID: Does not polymerize.

CORROSIVE TO METAL: No	**OXIDIZER:** No

SECTION 7-PERSONAL PROTECTION

PESTICIDE APPLICATORS & WORKERS must refer to the Product Label and Directions for Use attached to the product for Agricultural Use Requirements in accordance with the EPA Worker Protection Standard 40 CFR part 170.

RECOMMENDATIONS FOR MANUFACTURING, COMERCIAL BLENDING, AND PACKAGING WORKERS:

Respiratory Protection:
Wear a NIOSH approved cartridge respirator approved for pesticides if the TWA of 1.4 mg/m3 is exceeded

Respiratory Protection:
Supplied air respirators should be worn if large quantities of mist/dust (10 x the TWA) are generated or prolonged exposure possible.

Eye Protection:
Chemical goggles when respirator does not provide eye protection.

Protective Clothing:
Gloves and protective clothing as necessary to prevent skin contact.

Ventilation:
Whenever possible, engineering controls should be used to minimize the need for personal protective equipment.

SECTION 8-ENVIRONMENTAL DATA

ENVIRONMENTAL TOXICITY DATA
Hydramethylnon, the active ingredient, is very toxic to fish and aquatic invertebrates.

SARA 311/312 REPORTING
FIRE: N PRESSURE: N REACTIVITY: N ACUTE: Y CHRONIC: Y TPQ(lbs): N/R

SPILL AND LEAK PROCEDURES:
In case of large-scale spillage of this product, avoid contact, isolate area and keep out animals and unprotected persons. Call CHEMTREC (800 424-9300) or BASF Corporation (800 832-HELP). For a small spill, wear personal protective equipment as specified on the label. FOR A SOLID SPILL: Sweep solid into a drum for re-use or disposal. Remove personal protective equipment and decontaminate it prior to re-use.

HAZARDOUS. SUBSTANCE SUPERFUND: No **RQ(lbs):** None

WASTE DISPOSAL METHOD:
Pesticide wastes are acutely hazardous. Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility. Improper disposal of excess pesticide, spray mix or rinsate is a violation of federal law. If these wastes cannot be disposed of according to label instructions, contact the state agency responsible for pesticide regulation or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

HAZARDOUS WASTE 40CFR261: No **HAZARDOUS WASTE NUMBER:** None

CONTAINER DISPOSAL:
See above WASTE DISPOSAL METHOD.

SECTION 9-SHIPPING DATA-PACKAGE AND BULK

D.O.T. PROPER SHIPPING NAME (49CFR172.101-102): None	**HAZARDOUS SUBSTANCE (49CFR CERCLA LIST):** None **RQ(lbs):** None

D.O.T. HAZARD CLASSIFICATION (CFR 172.101-102): **PRIMARY** **SECONDARY** None		
D.O.T. LABELS REQUIRED (49CFR`172.11011-1102): None	**D.O.T. PLACARDS REQUIRED (CFR172.504):** None	**POISON CONSTITUENT (49CFR1 72.203(K)):** None
BILL OF LADING DESCRIPTION Insecticides, agricultural, NOIBN This product is not regulated by the Department of Transportation.		
CC NO.: ~ Not applicable **UN/NA CODE:**		

SECTION 10-ADDITIONAL INFORMATION

Siege@ fire ant bait

SECTION V1 - REACTIVITY DATA (Continued):
Store in a cool, dry, secure place and KEEP THE CONTAINER TIGHTLY CLOSED.

Siege@ fire ant bait is formulated in an oil bait that functions as an attractant to ants.
Prolonged exposure to air may turn the oil rancid and reduce the attractiveness to ants.
USE PRODUCT WITHIN 3 MONTHS OF OPENING CONTAINER.
This product may be an attractant to pets and rodents.
Keep pets away from treated areas for at least 24 hours after application.

EPA Reg. No. 241-322-9444

KEEP OUT OF REACH OF CHILDREN
CAUTION

Complete Label and Directions for Use are attached to the product

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to the supplemental labeling under “Agricultural Use Requirements” in the Directions for Use section for information about this standard.

NIA - Not available; N/D - Not determined; N/R - Not rated; N/E - Not established

DISCLAIMER

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