

Material Safety Data Sheet

Distributed by:

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EMERGENCY TELEPHONE: (800) 832-HELP BASF
(800) 832-HELP (BASF Hotline)
BOTH NUMBERS ARE AVAILABLE DAYS, NIGHTS, WEEKENDS, & HOLIDAYS,

SECTION 1 - PRODUCT INFORMATION

SIEGE® GEL INSECTICIDE

Product ID: NVA 579672
Common Chemical Name:
See below
Synonyms:
hydramethylnon; AC 217,300
Molecular Formula:
C(25) H(24) F(6) N(4)
Chemical Family: Amidinohydrazone
Molecular Wt.: 494.5

SECTION 2 INGREDIENTS

Chemical Name:	CAS	Amount
HYDRAMETHYLNON	67485-29-4	2.0%
PEL/TLV NOT ESTABLISHED		
INERTS	NA	98.0%
PEL/TLV NOT ESTABLISHED		

Chemical Name: tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone 3-4-(trifluoromethyl)phenyl-1-2-4-(trifluoromethyl)phenyl-ethenyl-2-propenylidene-hydrazone

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview

Color: Yellow
Form/Appearance: Gel
Odor: Not available

Potential Health Effects

Primary Routes of Exposure:

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Overexposure Effects: Avoid contact with skin, eyes, and clothing. Harmful if swallowed.
Chronic Overexposure Effects: There are no other known chronic effects associated with this material.

Other Overexposure Effects: See Product Label and Directions for Use for additional precautionary statements. Wash thoroughly with soap and water after handling.

First Aid Procedures - Aggravated Medical Conditions: No data is available which addresses medical conditions that are generally recognized as being aggravated by exposure to this product. Please refer to the effects of overexposure section for effects observed in animals. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

SECTION 4 - FIRST AID MEASURES

First Aid Procedures - 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.

First Aid Procedures - Eyes: Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

First Aid Procedures - Ingestion: 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 by a poison control center or doctor. Do not give anything to an unconscious person.

First Aid Procedures - Inhalation: 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.

First Aid Procedures - Notes to Physicians: There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

First Aid Procedures - Aggravated Medical Conditions: No data is available which addresses medical conditions that are generally recognized as being aggravated by exposure to this product. Please refer to the effects of overexposure section for effects observed in animals.

First Aid Procedures - Special Precautions: None

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

SECTION 5 - FIRE FIGHTING MEASURES

	Typical	Low/High	Deg. Method
Flash Point:	NOT AVAILABLE		
Autoignition:	NOT AVAILABLE		

Extinguishing Media:

Use water fog, foam or dry chemical extinguishing media.

Fire Fighting Procedures:

Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

Unusual Hazards:

There are no known unusual fire or explosion hazards.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

General: 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 LIQUID SPILL: Dike and contain the spill with inert material (sand, earth, etc) and transfer the liquid & solid diking materials to separate containers for disposal. FOR A SOLID SPILL: Sweep solid into drum for re-use or disposal. Remove personal protective equip. & decontaminate it prior to reuse.

SECTION 7 - STORAGE AND HANDLING

General: Store away from food products.

SECTION 8 - PERSONAL PROTECTION

Clothing: Gloves, long sleeved shirt and slacks. Eyes: Chemical goggles when respirator does not provide eye protection. Respiration: Wear a NIOSH approved cartridge respirator approved for pesticides if the TWA of 1.4 mg/m³ is exceeded. Supplied air respirators should be worn if large quantities of dust are generated or prolonged exposure possible. Ventilation: Whenever possible, engineering controls should be used to minimize the need for personal protective equipment. Explosion Proofing: None required. Other Personal Protection Data: RECOMMENDATIONS ABOVE FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS.

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.

SECTION 9 - PHYSICAL PROPERTIES

Color:	Yellow				
Form/Appearance:	Gel				
Odor:	Not available				
Odor Intensity:	None				
	Typical	Low/High	U.O.M.		
Specific Gravity:		1.04 -	1.15		
pH:		5.5-	6.5	SU	
	Typical	Low/High	Deg.	@	Pressure,
Boiling Pt:	NOT AVAILABLE				
Freezing Pt:	NOT AVAILABLE				
Decomp. Tmp:	NOT AVAILABLE				
Solubility in Water Description:	Soluble				

SECTION 10 - STABILITY AND REACTIVITY

Stability Data: Stable. Avoid high temperature storage. Store in original container in cool, dry, well-ventilated place away from ignition sources, heat or flame. Liquefies above 176 degrees Fahrenheit or below 25 degrees Fahrenheit. Incompatibility: Oxidizing agents. Conditions/Hazards to Avoid: None known. Hazardous Decomposition/Polymerization: Hazardous decomposition products: including but not limited to oxides of carbon and nitrogen,

HF Hazardous polymerization: does not occur Corrosive Properties: Not corrosive. Oxidizer Properties: Not an oxidizer Other Reactivity Data: None known.

SECTION 11 - TOXICOLOGICAL INFORMATION

Toxicology Test Data:

Rat, Oral LD50 - >5000 MG/KG
Slightly Toxic/Practically Nontoxic
Rabbit, Dermal LD50 - >2000 MG/KG
Slightly Toxic
Rabbit, Eye Irritation -
Nonirritating

Rabbit, Primary Skin Irritation -Nonirritating. In 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.

SECTION 12 - ECOLOGICAL INFORMATION

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

SECTION 13 - DISPOSAL CONSIDERATION

Waste Disposal: Pesticide wastes are acutely hazardous. 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 your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: FOR PLASTIC CONTAINERS: Triple rinse (or equivalent) & add rinsate to spray tank. Offer for recycling or reconditioning, or puncture & dispose of in sanitary landfill, or by incineration, or if allowed by state & local authorities, by burning. If burned, stay out of smoke. FOR BULK CONTAINERS: Reusable containers should be returned to the point of purchase for cleaning and re-filling. FOR MINIBULK CONTAINERS: Clean all tanks on an approved loading pad so rinsate can be collected & mixed into the spray solution or into a dedicated tank. Using a high-pressure sprayer, rinse several times with small volumes of water to minimize rinsate.

SECTION 14 TRANSPORTATION INFORMATION

DOT Proper Shipping Name:

SEE BELOW

DOT Technical Name: SEE BELOW

DOT Primary Hazard Class: SEE BELOW

DOT Secondary Hazard Class:~

DOT Label Required:

SEE BELOW

DOT Placard Required: SEE BELOW

DOT Poison Constituent:

BASF Corporation

SIEGE® GEL INSECTICIDE
NVA 579672

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BASF Commodity Codes: UN/NA Code: E/R Guide:~
Bill of Lading Description:1

SECTION 14 - TRANSPORTATION INFORMATION

THIS PRODUCT IS NOT REGULATED BY THE DEPARTMENT OF TRANSPORTATION.

SECTION 15 - REGULATORY INFORMATION

TSCA Inventory Status

Listed on Inventory: NO,

SARA - 313 Listed Chemicals:

CAS: 67485-29-4 AMOUNT: 2.01 %

NAME: HYDRAMETHYLNON

RCRA Haz. Waste No .:

CERCLA: NO Reportable Qty.: (If YES)

EPA Reg. No. 241-313

Keep out of reach of children

CAUTION

Use only in areas not easily accessible to children and pets.

SECTION 16 - OTHER INFORMATION

"IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY BASF HEREUNDER ARE GIVEN GRATIS AND BASF ASSUMES NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK".