

**MATERIAL SAFETY DATA SHEET  
ECLIPSE PROFESSIONAL INSECT BAIT**

**Manufacturer:** Wellmark International  
**Address:** 1100 East Woodfield Road, Suite 500 Schaumburg, IL 60173  
**Emergency Phone:** 1-800-248-7763  
**Transportation Emergency Phone:** CHEMTREC: 1-800-424-9300

**1. CHEMICAL PRODUCT INFORMATION**

**Product Name:** Eclipse Professional Insect Bait  
**Chemical Name/Synonym:** Hydramethylnon; Tetrahydro-5,5-dimethyl-2(1H)-pyrimidone [3-[4-(trifluoromethyl)phenyl]-1-[2-[4-(trifluoromethyl)phenyl]ethenyl]-2-propenylidene]hydrazone  
**Chemical Family:** Amidinohydrazone  
**Formula:** C<sub>25</sub>H<sub>24</sub>F<sub>6</sub>N<sub>4</sub>  
**EPA Registration No.:** 73342-3-2724  
**RF Number:** RF2015

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>Component (chemical, common name)</u>	<u>CAS Number</u>	<u>Weight</u>	<u>Tolerance</u>
Hydramethylnon; Tetrahydro-5,5-dimethyl-2(1H)-pyrimidone [3-[4-(trifluoromethyl)phenyl]-1-[2-[4-(trifluoromethyl)phenyl]ethenyl]-2-propenylidene]hydrazone	067485-29-4	0.9%	1.4 MG/M <sup>3</sup> (TWA)
Inert Ingredients		99.1%	

**3. HAZARD INFORMATION**

**PRECAUTIONARY STATEMENT**  
**KEEP OUT OF THE REACH OF CHILDREN**  
**CAUTION: Harmful if absorbed through the skin or inhaled. Avoid contact with skin, eyes, or clothing. Wear long-sleeved shirt and long pants, socks and shoes and water proof gloves. Prolonged and frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling.**

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**PRIMARY ROUTE OF ENTRY**      Dermal/Eye: Yes                      Oral: No                      Inhalation: Yes

**ACUTE TOXICITY**

**Oral:** LD50 = 1,146 mg/kg body weight (technical material)  
**Dermal:** LD50 = >2,000 mg/kg body weight (technical material)  
**Inhalation:** LC50 = 2.9 mg/L (technical material)

## OTHER TOXICOLOGICAL INFORMATION

**Skin Irritation:** Not a skin irritant  
**Eye Irritation:** Moderate eye irritant  
**Sensitizer:** Not a known sensitizer

## 4. FIRST AID MEASURES

**Eye:** Flush eyes with plenty of water. Get medical attention if irritation persists.  
**Skin:** Wash thoroughly with soap and water.  
**Ingestion:** Call a Physician or Poison Control Center. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting, or give any thing to an unconscious person.  
**Inhalation:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth.  
**Note to Physician:** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**NFPA Rating:**   **Health:** 0                      **Fire:** 0                      **Reactivity:** 0  
**Flammability Class:** Not applicable  
**Flash Point:** Not applicable, (solid material).  
**Explosive Limits (% of Volume):** Unknown  
**Extinguishing Media:** Water fog, foam, CO2.  
**Special Protective Equipment:** Use positive pressure self contained breathing apparatus and full protective equipment  
**Fire Fighting Procedures:** Normal procedures. Do not allow water from fire fighting areas to enter sewers.  
**Combustion Products:** None Known  
**Unusual Fire/Explosion Hazards:** Toxic irritating gases may be formed above 160C (320F).

## 6. ACCIDENTAL RELEASE MEASURES

**Steps to be taken:** Sweep up and place in suitable container for disposal. Do not enter drainage systems or waterways.  
**Absorbents:** If in liquid form, use clay granules, sawdust, dirt or equivalent.  
**Incompatibles:** Alkaline Materials

## 7. HANDLING AND STORAGE

**Handling:** Users should wash hands before eating, drinking, chewing gum, using tobacco, or using toilet. Applicators and handlers must wear long-sleeved shirt and long pants, socks and shoes, and waterproof gloves.  
**Storage:** Do not contaminate water, food or feed by storage. Store in original container out of the reach of children. Do not store above 100 degrees F. for extended periods of time. If container is damaged or if a spill occurs, use product immediately or dispose of product and damaged container.

## 8. EXPOSURE CONTROL / PERSONAL MEASURES

**Exposure Limits:** Hydramethylnon 1.4 MG/M<sup>3</sup> (TWA)

**Ventilation:** Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines

**Personal Protective Equipment:** Applicators and other handlers must wear long sleeved shirt and long pants, waterproof gloves and shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance and Odor:** Granular gray colored solid. Fishy odor.

**Boiling Point:** Not Applicable

**Melting Point:** Not determined

**Vapor Pressure (mm Hg):** Low

**Vapor Density (Air = 1):** Not Determined

**Specific Gravity:** Not Determined

**Bulk Density:** Variable, typically about 43 lb/cu ft

**Solubility:** Not determined

**Evaporation Rate:** N/A

**pH:** 6.75 (2% dispersion in water)

## 10. STABILITY AND REACTIVITY

**Stability:** Active decomposes at 160C (320F)—Avoid high temperatures.

**Reactivity:** Reacts in presence of oxidizing agents

**Incompatibility w/ Other Materials:** Avoid Alkaline Materials.

**Decomposition Products:** If product involved in fire, hydrochloric acid, ethyl sulfide, diethyl sulfide and nitrogen oxides may be formed.

**Hazardous Polymerization:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

### **CHRONIC TOXICITY [Specific to Active Ingredient(s)]**

In a chronic study of rats, no compound-related clinical pathologies were observed other than organ weight changes.

Tumorigenic effects are not considered biologically significant since they were seen at excessive doses.

### **DEVELOPMENTAL/REPRODUCTIVE TOXICITY [Specific to Active Ingredient(s)]**

Teratogenic effects are unlikely in humans at expected exposure levels.

### **MUTAGENICITY [Specific to Active Ingredient(s)]**

Not available.

## 12. ECOLOGICAL INFORMATION

### **ENVIRONMENTAL FATE [Active Ingredients Only]**

**Hydrolysis:** Not determined  
**Photolysis:** Not determined  
**Soil half life:** Not determined  
**Water solubility:** Not determined

**ECOTOXICITY [Active Ingredients Only]**

**Acute Toxicity:** This product is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark . Do not apply when weather conditions favor drift from target areas.

**13. DISPOSAL CONSIDERATIONS**

Do not contaminate water, food, or feed by disposal..

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of according to use directions or at an approved waste disposal facility.

Container Disposal: Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or by incineration, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

**14. TRANSPORT INFORMATION**

**DOT49CFR Description:** Nor Regulated

**Freight Classification:** *Insecticides N.O.I. O/T Poison NMFC 102120 Class 60*

**15. REGULATORY INFORMATION**

**CERCLA (Superfund):** Not Regulated

**RCRA:** Not Regulated

**SARA 311/312 HAZARD CATEGORIES**

**Immediate Health:** No

**Delayed Health:** No

**Fire:** No

**Sudden Pressure:** No

**Reactivity:** No

*The information presented herein, while not guaranteed, was prepared by technically knowledgeable personnel and to the best of our knowledge is true and accurate. It is not intended to be all inclusive and the manner and conditions of use and handling may involve other or additional considerations.*

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