

**MATERIAL SAFETY DATA SHEET**  
**PROBAIT™ FORMULATION FOR PROFESSIONALS**

**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:** ProBait™ Formulations for Professionals  
**Chemical Name/Synonym:** Tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone [3-[4(trifluoromethyl)phenyl]-1-[2-[4-(trifluoromethyl)phenyl]ethenyl]-2-propenylidene]hydrazone;Hydramethylnon  
**Chemical Family:** Amidinohydrazone  
**Formula:** C<25>H<24>N<4>F<6>  
**EPA Registration No.:** 73342-1-2724  
**RF Number:**

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>Component (chemical, common name)</u>	<u>CAS Number</u>	<u>Weight</u>	<u>Tolerance</u>
Hydramethylnon	067485-29-4	0.739%	
Inerts		99.27%	
Section 313 Toxic Chemical			
Reference: Hydramethylnon	American Cyanamid – 1986		
	Inerts		

**3. HAZARD INFORMATION**

**PRECAUTIONARY STATEMENT**  
**CAUTION!**  
**KEEP OUT OF THE REACH OF CHILDREN**  
**Hazards to Humans and Domestic Animals: May be harmful if swallowed. Avoid contact skin, eyes, and clothing. Wash hands thoroughly with soap and water after handling. Users should wash their hands before eating, drinking, chewing gum, using tobacco, or using toilet. Users should remove clothing immediately if pesticide gets under clothing. Wash thoroughly and put on clean clothing. Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of area during application.**

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

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

**ACUTE TOXICITY**

**Oral:** LD50 (rats): > 5000 mg/kg indicating that this product is practically non-toxic by ingestion in single doses.

**Dermal:** LD50 (rabbits): > 2000 mg/kg indicating this product is no more than slightly toxic by single skin applications.

**Inhalation:** N/A

#### OTHER TOXICOLOGICAL INFORMATION

**Skin Irritation:** Mildly irritating (rabbit)

**Eye Irritation:** Non-irritating (rabbit)

**Sensitizer:** Hydramethylnon is not a sensitizer.

#### 4. FIRST AID MEASURES

**Eye:** Flush with plenty of water. Get medical attention if irritation occurs.

**Skin:** Wash skin with plenty of soap and water. Get medical attention if irritation persists.

**Ingestion:** Drink two glasses of water, induce vomiting if the person is conscious. Seek medical attention.

**Inhalation:** Remove 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.

#### 5. FIRE FIGHTING MEASURES

**NFPA Rating:**     **Health:** 1                     **Fire:** 1                     **Reactivity:** 0

**Flammability Class:** Non-Combustible Solid

**Flash Point:** > 220°F (. 104°C) Setaflash (c.cup)

**Explosive Limits (% of Volume):** N/A

**Extinguishing Media:** Use water, foam, carbon dioxide, or dry chemical.

**Special Protective Equipment:** Wear self contained, positive pressure breathing apparatus and full fire fighting protective clothing.

**Fire Fighting Procedures:** Avoid heavy hose streams; airborne dust may create an explosion hazard. Do not allow run-off to enter waterways.

**Combustion Products:** Thermal decomposition may produce hydrogen fluoride and oxides of carbon and nitrogen.

**Unusual Fire/Explosion Hazards:** Class 1 dust exposure hazard.

#### 6. ACCIDENTAL RELEASE MEASURES

**Steps to be taken:** Shovel or sweep up material and place in a container for disposal. Do not allow spill to enter waterways. Keep all sources of ignition away from the spill, and avoid creating dusty conditions when handling this material. If heavy dusting cannot be avoided, ground all equipment

**Absorbents:** None necessary due to product form and packaging.

**Incompatibles:** Not Available

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. When engineering control is not feasible and employee exposure exceeds 1.4 mg/m,<sup>3</sup> wear a NIOSH approved pesticide respirator. When there is risk of exposure to eyes, wear dust proof goggles, overalls, and gloves.

**Storage:** Store in a cool, dry, secure place and keep container tightly closed. Store away from pets. Do not contaminate water, food or feed by storage. This product is formulated in oil bait. Prolonged exposure to air may turn oil rancid and reduce the attractiveness of the bait. Use within 3 months after opening.

## 8. EXPOSURE CONTROL / PERSONAL MEASURES

**Exposure Limits:** OSHA PEL Total dust 15/ms

**Ventilation:** Use with adequate ventilation during formulation process.

**Personal Protective Equipment:** Under ordinary use conditions, no special protection is required. If prolonged exposure is expected or adequate ventilation during formulation process can not be maintained, it is recommended to wear a MSHA/NIOSH approved organic vapor/pesticide respirator, impervious gloves, chemical goggles or safety glasses with side shields.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance and Odor:** Yellow-tan, free flowing granules having an odor characteristic of vegetable oil.

**Boiling Point:** N/A

**Melting Point:** N/A

**Vapor Pressure (mm Hg):** N/A

**Vapor Density (Air = 1):** N/A

**Specific Gravity:** N/A

**Solubility:** Insoluble

**Evaporation Rate:** N/A

**pH:** N/A

## 10. STABILITY AND REACTIVITY

**Stability:** Stable

**Reactivity:** Non-reactive

**Incompatibility w/ Other Materials:** Not available

**Decomposition Products:** Thermal decomposition may produce hydrogen fluoride and oxides of carbon and nitrogen.

**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:** Unknown

**Photolysis:** Unknown

**Soil half life:** Unknown

**Water solubility:** insoluble

**ECOTOXICITY [Active Ingredients Only]**

**Acute Toxicity:** Toxic to fish. Do not apply directly to water or areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing equipment washwaters. Do not apply when weather conditions favor drift from target areas.

**13. DISPOSAL CONSIDERATIONS**

Do not contaminate water, food, or feed by disposal. Open dumping is prohibited. Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Container Disposal: (Plastic) Triple rinse or (equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state or local authorities, by burning. If burned, stay out of smoke. General: Consult federal, state or local disposal authorities for approved alternative procedure.

**14. TRANSPORT INFORMATION**

**DOT49CFR Description:** Not regulated

**Freight Classification:** Insecticides, n.o.i. other than poison NMFC item 102120 CL. 60

**15. REGULATORY INFORMATION**

**CERCLA (Superfund):** Not Regulated

**RCRA:** Not Regulated

**SARA 311/312 HAZARD CATEGORIES**

**Immediate Health:** Yes (irritation)

**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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