

SAFETY DATA SHEET

Nip-It™ Ant Control

Revision date: 2023-09-06

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier INSECTICIDE (READY TO USE)

Product Name Nip-It™ Ant Control

Active Ingredient(s) Hydramethylnon

Chemical Family Organofluorine compound / Trifluoromethyl Aminohydrazone

Registration holder / Registrasiehouer:

Prinswer Manufacturing cc

Co. Reg. No./Mpy. Reg. Nr.: 2006/095395/23

P.O. Box/Posbus 1610 Wingatepark 0153 Pretoria

Tel: 082 855 9940

Distributed by:

PROTEK a division of PE-BEE Agri (Pty) Ltd

Co. Reg. No./Mpy. Reg. Nr.: 2005/036308/07

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Emergency telephone number

24 HR EMERGENCY NUMBERS

Griffon Poison Information Centre +27 82 446 8946

24 Hr Transport / Spill emergency no: (Hazcall24) +27 86 044 4411

2. HAZARDS IDENTIFICATION

Classification

Classification (REGULATION (EC) No 1272/2008)

GHS Label elements, including precautionary statements

GHS Label elements, including precautionary statements



Signal word: WARNING

Hazards not otherwise classified (HNOC)

H302: Harmful if swallowed [Warning Acute toxicity, oral]

H319: Causes serious eye irritation [Warning Serious eye damage/eye irritation]

H372 **: Causes damage to organs through prolonged or repeated exposure [Danger Specific target organ toxicity, repeated exposure]

H400: Very toxic to aquatic life [Warning Hazardous to the aquatic environment, acute hazard]

H410: Very toxic to aquatic life with long lasting effects [Warning Hazardous to the aquatic environment, long-term hazard]

Precautionary statements:

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P264 Wash hands thoroughly after handling.

P265 Do not touch eyes.

P270 Do not eat, drink or smoke when using this product.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection

P301+P317 IF SWALLOWED: Get emergency medical help.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P319 Get medical help if you feel unwell.

P337+P317 If eye irritation persists: Get emergency medical help.

P391 Collect spillage.

P501 Dispose of contents/container in accordance with national/local legislation.

Other hazards: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Family

Complex III or MET III electron transport inhibition

Chemical name	CAS-No	%
Hydramethylnon Tech	67485-29- 4	10.01
Silkworm Render		200,0
Brown Sugar		200,0
Full fat soyabean oil cake (17% oil)		540,0

Synonyms are provided in Section 1.

4. FIRST AID MEASURES

Description of first aid measures:

In case of inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention immediately.

In case of skin contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

In case of eye contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

In case of ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Most important symptoms and effects, both acute and delayed:

Anticipated acute effects: None Known

Anticipated delayed effects: None known

Most important symptoms / effects: None known.

Advice to physician: Treat symptomatically and supportively. No specific antidote known.

5. FIRE-FIGHTING MEASURES

Extinguisher media:

Suitable extinguisher media: Carbon dioxide, foam dry chemical and water fog.

SMALL FIRE: Extinguish small fires with carbon dioxide, dry powder, or alcohol-resistant foam.

LARGE FIRE: Water spray can be used for larger fires or cooling of unaffected stock but avoid the accumulation of polluted run-off from the site.

Unsuitable extinguishing media: Do not use high volume water jet, due to contamination risk.

Special hazards arising from the mixture:

During a fire, irritating and possibly toxic gasses may be generated by thermal decomposition or combustion. Closed container may explode if pressure builds up. Toxic or irritating gas may be generated during fire.

Advice for fire-fighters:

Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear. Be sure to use an approved/certified respirator or equivalent.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel: Isolate area. Keep unnecessary and unprotected personnel from entering the area. Refer to Section 7, Handling, for additional precautionary measures. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

For emergency responders: Use an approved/certified respirator or equivalent, isolate the spill area and limit the access to emergency responders only. Avoid any contact with spilled material, use adequate protective clothes and gloves.

Environmental precautions:

Cover drains. Prevent from entering soil, ditches, sewers, waterways and/or groundwater.

Methods for containment and cleaning up:

For small spills Contain spilled material if possible. Collect in suitable and properly labelled containers. Absorb with materials such as: sand, earth, vermiculite or diatomaceous earth.

For large spills Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g., sand, earth, vermiculite or diatomaceous earth and place in well labelled container for disposal according to local regulations.

Reference to other sections:

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment. See section 13 for information on disposal.

Additional information:

None.

equipment. See section 13 for information on disposal.

Additional information:

None.

7. HANDLING AND STORAGE

Use adequate protective equipment to avoid direct contact of product. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not get in eyes or on skin or clothing.

Protective measures: Observe directions on label and instructions for use.

Advice on general occupational hygiene: Do not eat drink or smoke when handling this product.

Handling

Store product in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

Specific end uses:

Storage

Use as directed. Use original container.

Incompatible products

Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Legend

OSHA - Occupational Safety and Health Administration
ACGIH, US

Occupational exposure limits:

Hydramethylnon

120 micrograms/day ($\mu\text{g}/\text{d}$) $10 \mu\text{g (As)}/\text{m}^3$ (ACGIH TLV)

Soybean oil

OSHA Z1: PEL 5 mg/m³ Respirable fraction ;

OSHA Z1: PEL 15 mg/m³ Total dust ;

ACGIH, US: TWA value 10 mg/m³ Inhalable particles ;

ACGIH, US: TWA value 3 mg/m³ Respirable particles ;

OSHA Z3: TWA value 50 millions of particles per cubic foot of air Total dust ;

OSHA Z3: TWA value 15 millions of particles per cubic foot of air Respirable fraction ;

OSHA Z3: TWA value 5 mg/m³ Respirable fraction ;

OSHA Z3: TWA value 15 mg/m³ Total dust ;

Engineering control measures:

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/m³, 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/m³ wear an approved pesticide respirator. In operations where there is a risk of accidental exposure to dust, wear dust-proof goggles, overalls, and gloves. Remove contaminated clothing/equipment and wash before re-use

Hygiene measures: Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). In the absence of special instructions, wash with detergent and warm water. Keep and wash PPE separately from other laundry

Individual protection measures, such as personal protective equipment:

Clothing: No special equipment, apart from gloves, is usually needed when occasionally handling small quantities. Avoid contact with the skin, eyes and clothing. Do not eat, drink or smoke whilst applying the bait. Wash hands after use or accidental skin contact When handling

Eye/face protection: Use safety glasses. If there is a potential for exposure to particles which could cause eye discomfort, wear chemical goggles. Emergency eye wash: where there is a possibility that an employees eyes may be exposed to this substance, the employer should provide an eye wash fountain or appropriate alternative within the immediate work area for emergency use. No special equipment, apart from gloves, is usually needed when occasionally handling small quantities

Hand protection: Gloves, employee must wear appropriate synthetic gloves to prevent contact with this substance.

Body protection: Appropriate impervious clothing is required to prevent skin contact with the product. No special equipment, apart from gloves, is usually needed when occasionally handling small quantities

Respiratory protection: Respiratory protection is required; use an approved air-purifying respirator. No special equipment, apart from gloves, is usually needed when occasionally handling small quantities

Environmental exposure controls: Prevent product from entry into sewers and water courses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Granules
Physical State	
Color	Light brown
Odor	slight maize odour
pH	6.8
Melting point	No information available
Boiling Point/Range	No information available
Flash point	No information available
Evaporation Rate	No information available
Flammability)	No information available
Wettability	No information available
Vapor density	No information available
Density	No information available
Specific gravity	No information available

10. STABILITY AND REACTIVITY

Reactivity:

The product is stable under normal conditions.

Chemical stability:

Stable under normal storage conditions for 2 years.

Possibility of hazardous reactions:

Slightly reactive to reactive with reducing agents, alkalis.

Conditions to avoid:

Reducing agents and alkalis.

Incompatible materials:

Reducing agents and alkalis.

Hazardous decomposition products:

No information available.

11. TOXICOLOGICAL INFORMATION

Product Information

LD50 Oral	>80000 mg/kg (rat)
LD50 Dermal	>200000 mg/kg (rat)
Acute Inhalation:	43.9 mg/l (4 h)
Serious eye damage/eye irritation	Rabbit – no eye irritation
Skin corrosion/irritation	Rabbit – mildly irritating
Sensitization	Guinea pig – non-sensitising.

Information on toxicological effects

Mutagenicity

Not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

Carcinogenicity

Listed as a Group C, possible human carcinogen (there is limited evidence that it can cause cancer in mice but there is inadequate or no evidence that it may cause cancer in humans).

Teratogenicity:

No teratogenic effects were found at any dose level tested in albino rats. However, at the dose level of 30 mg/kg/day (highest dose tested), hydramethylnon produce both maternal and embryotoxic effects.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Active Ingredient(s)	Species	Value	Units
Hydramethylnon	small mammals	LD50 817	1130 mg/kg
	mallard ducks;	LD50 > 2510 mg/kg	
	bobwhite quail	LD50 > 1828 mg/kg	
	Fish: rainbow trout	LC50 mg/l 0,16	(96 h)
	Daphnia:	EC50 1.14 µg/l	Acute 48 hour
	Algae	EC50 growth mg/l 0.018	Acute 72 hour
	bees:	LD50 µg/bee > 30.	acute 48 hour

Persistence and degradability:

Persistence in soil:

Non persistent DT50 7 – 10 days

Persistence in water:

Aqueous photolysis pH 7.0

DT50 < 1 hour; aqueous hydrolysis

10 days in water at pH of 7.0

Bioaccumulation - Low potential for bio-accumulation (calculated).

SECTION 14. TRANSPORT INFORMATION

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN-Number	3077	3077	3077
UN Proper shipping name:	Environmentally hazardous substance, solid, N.O.S. (hydramethylnon .0.1 granule)	Environmentally hazardous substance, solid, N.O.S. (hydramethylnon .0.1 granule)	Environmentally hazardous substance, solid, N.O.S. (hydramethylnon .0.1 granule)
Transport hazard class:	9	9	9
Packaging group:	III	III	III
Marine pollutant:	yes	yes	yes
Special precautions for user:	Not required	Not required	Not required
Transport in bulk according to MARPOL 73/78 Annex II and the IBC code	Not required	Not required	Not required

Inland waterways: Not required.

Emergency response information: No information.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation for the mixture:

Relevant information regarding authorization: Occupational Health and Safety Act 1993. Regulation for Hazardous Chemical Agents, 2021. UN Recommendations on the Transport of Dangerous Goods Model Regulations Rev. 21 (2019), Globally Harmonized System of Classification and Labelling of Chemicals (GHS) Rev 9, 2021.

Relevant information regarding restrictions:

EU regulations: Regulation EC 1272/2008 [EU-GHS/CLP].

Other National regulations: National Road Traffic Act, 1996 (ACT NO. 93 of 1996).

SANS 10228:2012- The identification and classification of dangerous goods for transport by road and rail modes. National Environmental Management: Waste Act 59 of 2008.

Chemical Safety Assessment carried out? No

SECTION 16. OTHER INFORMATION

Indication of changes: All sections.

Relevant H statements (number and full text):

H302: Harmful if swallowed

H319: Causes serious eye irritation [Warning Serious eye damage/eye irritation]

H372 **: Causes damage to organs through prolonged or repeated exposure

H400: Very toxic to aquatic life

H410: Very toxic to aquatic life with long lasting effects

Training instructions: No special training required. Read label of product.

Further information: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Notice to readers: Employers should use this information only as a supplement to other information gathered by them and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.