



Novagen Innovations (Pty) Ltd. t/a Agri Novagenix
Company registration number: 2020/891524/07 ; VAT: 4150295469
PO Box 1224, Isando, 1600, South Africa

SAFETY DATA SHEET HOLTER

Reg. No. / Nr L11980, Act No. 36 of 1947 / Wet Nr 36 van 1947

Section 1. Identification of the material and the supplier

Product: **HOLTER**
Product Use: Insecticide
Restriction of Use: Refer to Section 15

Supplier: **Novagen Innovations (Pty) Ltd. t/a Agri Novagenix**
Address: PO Box 1224
Isando, 1600
South Africa
www.novagenag.co.za

Emergency No: POISON CENTRE (UNITAS HOSPITAL) 012 664 1100
TYGERBERG 021 931 6129
RED CROSS 021 689 5227
RAPID SPILL RESPONSE 0800 775 3305
GRIFFON POISON CENTRE 082 446 8946

Date of SDS Preparation: 5 February 2026

Section 2. Hazards Identification

Classification of the substance or mixture

Globally Harmonised System, EU (GHS) and according to regulation EC No 1272/2008 [CLP]

Acute Toxicity Oral Category 4; H302

For the full text of the H-Statements mentioned in this Section, see Section 16.

Label elements

Globally Harmonised System, EU (GHS) and according to regulation EC No 1272/2008 [CLP]

Pictograms



Signal Word: **WARNING**

Hazard statement(s)

H302: Harmful if swallowed

Precautionary statement(s)**General:**

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read carefully and follow all instructions.

Prevention:

P264 - Wash hands thoroughly after handling.

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

Response:

P301 + P317 - IF SWALLOWED - Get medical help.

Storage:

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Disposal:

P501 - Dispose of contents/container in accordance with national regulations.

Supplemental Hazard Statements: none

2.3 Other**Other hazards**

No other hazards known.

Section 3. Composition / Information on Hazardous Ingredients

Mixture

Soluble powder

Acetamiprid 200 g/kg

Globally Harmonised System, EU (GHS) and according to regulation EC No 1272/2008 [CLP]

Ingredients	Concentration of hazardous ingredient	CAS Number	Classification
Acetamiprid	20%	135410-20-7	Acute toxicity Oral: Cat. 4; H302 Aquatic Chronic Cat. 3; H412

For the full text of the H-Statements mentioned in this Section, see Section 16.

Section 4. First Aid Measures

Remove patient from exposed area. Never give fluids or induce vomiting if patient is unconscious or is having convulsions.

Routes of Exposure:

If in Eyes	Immediately flush eyes with plenty of water for at least 15 minutes holding the eyelids open. Remove contact lenses, if present, after the first five minutes. Seek medical attention.
If on Skin	Immediately flush body and clothes with large amounts of water and soap. Remove contaminated clothing and footwear. Wash affected areas with soap and water. Do not rub skin. Persons providing first aid must wear gloves to avoid self-contamination. Seek medical attention.
If Swallowed	Never give anything by mouth to an unconscious person. Do not induce vomiting unless instructed to do so by a physician. Have the patient sip a glass of water if they are alert and able to swallow. For advice, contact the National Poisons Centre. If the patient is alert and able, rinse mouth thoroughly with water. Seek medical attention immediately.
If Inhaled	Remove patient to fresh air. Loosen clothing around neck. Lie down and keep warm and rested. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Seek medical assistance if necessary.

Most important symptoms and effects, both acute and delayed

Symptoms: No symptoms known.

Treatment:

No specific antidote known. Treat symptomatically and supportively.

Section 5. Fire Fighting Measures

Hazards from products	This product is not explosive however it will form dust explosive mixtures in the air. Fire may produce irritating and/or toxic vapours, mists, or other products of combustion.
Suitable Extinguishing media	Small fires: Fine water spray, alcohol foam, carbon dioxide, or dry chemical. Do not use high volume water jet. Large fires: Water spray or fog can be used to cool unaffected stock. Avoid the accumulation of polluted run-off from the site. Remove the container from the fire if possible and without risk.
Recommended protective clothing & Precautions for firefighters	Fire may produce irritating and/or toxic vapours, mists, or other products of combustion. Fire fighters and others that may be exposed should wear full NIOSH/MSHA approved protective clothing and self-contained breathing apparatus. Remove spectators from surrounding area. Isolate the fire area and evacuate downwind. Use a recommended extinguishing agent for the type of surrounding fire. Fight fire from maximum distance and use unmanned hose holder or monitor nozzles. Contain fire control agents for later disposal. Avoid inhaling hazardous vapours and fumes from burning materials. Keep upwind. Remove container from fire area if

	possible and without risk. Water can be used to cool unaffected containers but must be contained for later disposal. Dyke fire control water for later disposal. Do not scatter the material. Avoid pollution of waterways. Contain water used for firefighting for later disposal. Avoid the accumulation of polluted run-off from the site. Eliminate all ignition sources in the immediate area. For personal protection see Section 8.
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Section 6. Accidental Release Measures

Personal precautions:

All personnel handling this material must be thoroughly trained on how to handle spills and releases. Avoid contact with skin and eyes. Do not breathe in spray or fumes. For personal protection see Section 8.

Wash hands before breaks and immediately after handling the product. When using, do not eat, drink, or smoke. Wash contaminated clothing before re-use.

Environmental precautions:

Do not contaminate waterways, drains and groundwater. If contamination of waterways, drains, rivers, or lakes is unavoidable, warn the local authorities (Police and Department of Water/Environmental affairs) immediately. Do not discharge into the subsoil/soil.

Spill and Disposal procedures:

Cleaning procedure:

Wear protective clothing. Clear area of unprotected persons and animals.

Do not touch any spilled material, stop the leak if it is safe to do so and without risk.

Sweep or vacuum (using an approved industrial vacuum cleaner) up and place the material into a clean dry container and seal for subsequent disposal in accordance with local and national regulations. Wash area with water and detergent and absorb with further inert material. Collect the contaminated water for later disposal in accordance with local and national regulations.

Label all waste drums according to their content and dispose of in accordance with local and national regulations.

DO NOT flush spilled material into drains. Decontaminate all tools and equipment following clean-up.

Keep spectators away and upwind. Open burning or dumping of this material is prohibited.

Heavily contaminated soil layers have to be dug out down to clean soil. If spill does enter waterways, contact the local authority. Spilled product cannot be re-used and must be disposed of in accordance with local and national regulations.

If containers cannot be recycled, they should be disposed of together with the waste chemical.

Waste Disposal: In accordance with local and national regulations. Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

Container Disposal: Refer to the product label for instructions. **DO NOT REUSE THE CONTAINER FOR ANY OTHER PURPOSE.** Do not transport if this container is damaged or leaking. Destroy the empty container by perforation and flattening and do not use for any other purpose. Store appropriately until it can be taken to a waste treatment facility authorised to destroy waste in terms of the National

Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) and the relevant waste management regulations for disposal. Empty containers and product should not be burnt.

Reference to other sections

Information regarding safe handling, see section 7.

Information regarding personal protective equipment, see section 8.

Information regarding waste disposal, see section 13.

Section 7. Handling and Storage

Precautions for Handling:

Keep out of reach of children and animals.

All personnel handling this product must be thoroughly trained regarding its hazards.

Harmful if swallowed.

Use with adequate ventilation.

Wash hands after use and before eating, drinking, chewing gum, smoking, or using the toilet. Operators must change and wash clothing daily. Remove clothing immediately if the pesticide gets inside. Thereafter, wash skin thoroughly with plenty of water and a non-abrasive soap and put on clean clothing.

Do not apply directly to areas where surface water is present, or to intertidal areas below the mean high water mark. All water used to clean equipment must be disposed of correctly in order to avoid contamination.

APPROVED HANDLER: This product must be under the control of an approved handler when applied.

Precautions for Storage:

Store in original container only in a well-ventilated, cool, dry, secure area away from children, foods, animal feeds, and water supplies. Protect from heat, moisture and direct sunlight. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in properly labelled containers. Store in accordance with the particular national regulations.

Do not store with the following product types: Strong oxidizing agents.

Avoid extreme temperatures. Do not store in or around the home. Never transfer this product to another container for storage. Do not permit prolonged storage in areas where the temperature frequently exceeds 46°C.

Specific end use(s): Use only according to the label.

Section 8 Exposure Controls / Personal Protection

Occupational exposure limits:

None.

Follow safe industrial engineering/laboratory practices when handling any chemical. Install a closed system or local exhaust as possible so that workers should not be exposed directly. Also install safety shower and eye bath.

All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering Controls / Industrial Hygiene

Comply with occupational safety, environmental, fire and other applicable regulations.

It is essential to provide adequate ventilation. The measures appropriate for a particular work site depend on how this material is used and on the extent of exposure. Ensure that control systems are properly designed and maintained. Comply with occupational safety, environmental, fire, and other applicable regulations.

If engineering controls and work practices are not effective in controlling exposure to this material, wear suitable personal protective equipment including approved respiratory protection.

Personal Protection Equipment

Eyes	Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate equipment should be selected for the particular use intended for this material. Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles.
Hands	Employee must wear appropriate chemical-resistant and waterproof gloves to prevent contact with this substance.
Skin	Employee must wear appropriate protective (impervious) clothing and equipment to prevent skin contact with this substance. Wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks and chemical resistant headgear for overhead exposure.
Respiratory	Wear respiratory protection if ventilation is inadequate. Particle filter with medium efficiency for solid and liquid particles. Respiratory protection is not normally required except during the formation of mists or aerosols or in the case of fire.
General	Where there is any possibility that an employee's 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. Females of childbearing age should not come into contact with the product. Keep away from food, drink, and animal feedstuffs. No eating, drinking, or smoking during use. Wash hands and face before breaks and after work. Potentially fatal if inhaled. When handling wear full protective clothing such as gloves, hat, coat, and trousers (worn outside rubber boots). Suitable or appropriate respiratory and eye protection should also be worn. The use of a skin barrier cream is useful to give additional skin protection.

Section 9 Physical and Chemical Properties

Appearance	Powder
Colour	Blue
Odour	No data available
Odour Threshold	No data available
pH	6 – 9
Boiling/Melting Point	No data available
Freezing Point	No data available

Flash Point	No data available
Flammability	Not flammable
Upper and Lower Explosive Limits	Not explosive
Vapour Pressure	No data available
Vapour Density	No data available
Density	NA
Water Solubility	Soluble
Partition Coefficient:	No data available
Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available
Particle Characteristics	No data available
Surface tension	No data available

Section 10. Stability and Reactivity

Stability of Substance	Stable under normal use and standard conditions. Stable for 24 months. Avoid storage under extreme temperatures and conditions. Store below 50°C, preferably below 30°C, and not for prolonged periods in direct sunlight. When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture. Avoid temperature extremes.
Possibility of hazardous reactions	None known.
Conditions to Avoid	Protect from extreme temperatures, direct sunlight.
Incompatible Materials	Avoid contact with strong oxidizing agents, strong bases and strong acids. Store only in the original container.
Hazardous Decomposition Products	No decomposition if stored and handled as indicated.

Section 11 Toxicological Information

Acute Effects:

Oral	GHS: Acute Toxicity Oral Cat. 4
Dermal	GHS: Not classified
Inhalation	GHS: Not classified
Eye	GHS: Not classified
Skin	GHS: Not classified

Chronic Effects:

Carcinogenicity	GHS: Not classified
Reproductive Toxicity	GHS: Not classified
Germ Cell Mutagenicity	GHS: Not classified
Aspiration	GHS: Not classified
STOT/SE	GHS: Not classified
STOT/RE	GHS: Not classified

Section 12. Ecotoxicological Information

Ecological effects information	GHS: Not classified
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Persistence and degradability	Information based on Acetamiprid active: Animals: The major metabolic routes of acetamiprid in rats are the production of IM-2-1 by N-demethylation, the production of IC-O by detachment of the cyanoacetamide side-chain from IM-2-1, and the production of IS-1-1 and IS-2-1 by detachment of the cyanoacetamide sidechain from acetamide and IM-2-1, respectively. Plants: Slowly degraded on or in plants, forming five identified metabolites (H. Saito et al., Proc. 9th IUPAC Int. Congr. Pestic. Chem., London, 1998, 2, 5A-010). Soil/Environment: Acetamiprid is moderately to highly mobile in most soils but is not expected to be persistent in the environment. The primary degradation pathway is aerobic soil metabolism. DT50 0.8-5.64 d, DT90 2.8-67.3 d (20°C, EU 9 soils). Koc 71.1-313 (US and EU soils). Acetamiprid is not expected to be persistent in the environment.
Bioaccumulation	Acetamiprid will not bioaccumulate in fish and sediment. An estimated BCF of 3 was calculated for acetamiprid(SRC), using a log Kow of 0.8(1) and a regression-derived equation. According to a classification scheme, this BCF suggests the potential for bioconcentration in aquatic organisms is low(SRC), provided the compound is not altered physically or chemically once released into the environment.
Mobility in Soil	Koc values for acetamiprid have been reported to range from 132-267(1). According to a classification scheme(2), this range of Koc values suggests that acetamiprid is expected to have moderate to high mobility in soil.
Other adverse effects	This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB).
Precautions:	Do not allow to enter waterways.

Section 13. Disposal Considerations

Disposal Method:

In accordance with local and national regulations. This product and its container must be disposed of by a waste treatment facility authorised to destroy waste in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) and the relevant waste management regulations. Do not dispose into, or allow contact with, municipal sewerage systems or open water bodies. Do not bury.

Open dumping or burning of this pesticide is prohibited.

Contaminated packaging:

Contaminated packaging should be emptied as far as possible.

Emptied containers retain vapour and product residues. Observe all labelled safeguards until container is destroyed. Empty the container of excess product into the container of the applicator. Destroy the emptied containers by perforation and flattening and take to a waste treatment facility authorised to destroy waste in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) and the relevant waste management regulations for disposal.

Do not re-use the empty container for any other purpose. Prevent contamination of food, feedstuffs, drinking water and eating utensils.

Comply with local legislation applying to waste disposal.

Special precautions during disposal:

Waste resulting from the use of this product cannot be reused or reprocessed. Never pour untreated waste or surplus products into public sewers or where there is any danger of run-off or seepage into water systems. Do not contaminate rivers, dams or any other water sources with the product or used containers.

Emptied containers retain vapour and product residues. Observe all labelled safeguards until container is destroyed. Empty the container of excess product into the container of the applicator. Destroy the emptied containers by perforation and flattening and take to a waste treatment facility authorised to destroy waste in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) and the relevant waste management regulations for disposal.

If on-site container disposal is necessary, empty the container of excess product into the container of the applicator. Destroy the emptied containers by perforation and flattening, and store appropriately until it can be taken to a waste treatment facility authorised to destroy waste in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) and the relevant waste management regulations for disposal.

Empty containers and product should not be burnt.

Section 14	Transport Information
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Rail/road (RID/ADR):

Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Acetamiprid)
UN number	3077
Class	9
Packing group	III
Environm. Haz. Mark	Yes

Sea (IMDG code):

Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Acetamiprid)
UN number	3077
Class	9
Packing group	III
Marine pollutant	Yes

Air (ICAO/IATA):

Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Acetamiprid)
UN number	3077
Class	9
Packing group	III
Environm. Haz. Mark	Yes

Section 15	Regulatory Information
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Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006., EC1272/2008 (EU-GHS/CLP), OSHA 1993 Regulations for Hazardous Chemical Substances

Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

Full text of H-Statements referred to under sections 2 and 3.

H302: Harmful if swallowed

Abbreviations and acronyms

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road

CAS-Nr. Chemical Abstracts Service number

CLP Classification, Labelling and Packaging

EU European Union

GHS Globally Harmonized System

IATA International Air Transport Association

ICAO International Civil Aviation Organization

IMDG International Maritime Dangerous Goods

RID Regulations concerning the International Carriage of Dangerous Goods by Rail

STOT SE Specific target organ toxicity single exposure.

STOT RE Specific target organ toxicity repeated exposure.

UN United Nations

For proper and safe use of this product, please refer to the approval conditions laid down on the product label. The data contained in this safety data sheet is based on our current knowledge and describes the product only with regard to safety requirements. The data does not describe the products properties. Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any existing laws and legislation are observed.

The information herein is given in good faith, but no warranty, express or implied is made.

Issue Date: 5 February 2026 Review Date: 5 February 2031