

DOMINO Ant & Cockroach GEL - SDS

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1) IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Commercial Name: Domino Ant & Cockroach Gel
Appearance: Clear gel in a syringe
Identified uses: Control of cockroaches and ants.
Uses advised against: Use only as directed.

Manufactured & Distributed by: Synvita (Pty) Ltd
 Registration Holder: Lifeguard Sciences (Pty) Ltd
 Reg. No. 2014/079879/07
 3 Pentrich Road, Masons Mill
 Pietermaritzburg, 3201
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In case of an Emergency - Griffon Poison Information (082) 4468946

2) HAZARDS IDENTIFICATION

Classification of the substance or mixture is classified according to:

SANS 10234:2008, Regulation EC 1272/2008 [EU-GHS/CLP]	
Hazard classes/Hazard categories	Hazard statement
Hazardous to the Environment, category 1	Very toxic to aquatic life with long lasting effects

For full text of H statements see section 16

The most important adverse effects physiochemical effects: None.

The most important adverse human health effects: None.

Label elements

Hazard pictograms:



Signal word: Warning

Hazard statements: H410: Very toxic to aquatic life with long lasting effects

Precautionary statements: P273: Avoid release to the environment. P391: Collect spillage. P501: Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site.

Special labelling of certain mixtures: None

Other hazards: None.

3) COMPOSITION / INFORMATION ON INGREDIENTS

Substance/mixture: Mixture.

Publication Date: March 2019

Revised in: July 2026

Revisions Number: 2

Ingredients:

Substance name (IUPAC/EC)	CAS Number	Concentrations % by weight	Classification
	EC number		EC1272/2008
Fipronil tech	120068-37-3	<0.1%	Acute toxicity, category 3 (Oral) H301 Acute toxicity, category 3 (Dermal) H311 Acute toxicity, category 3 (Inhalation) H331 STOT-RE, category 1, H372. Aquatic acute toxicity, category 1, H400 M=1000 Aquatic chronic toxicity, category 1, H410 M=10 000.
	424-610-5		
Sapogenat	9046-09-7	<1%	Skin Irritation category 2, H315 Eye Irritation category 2, H319 Aquatic Chronic category 2, H411
	618-560-5		

For full text of H statements see section 16

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

4) FIRST AID MEASURES

Description of first aid measures:

In case of inhalation: If inhaled, remove to fresh air. If not breathing, give artificial breathing. If breathing is difficult, give oxygen. 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 immediately.

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 immediately.

In case of ingestion: Do not induce vomiting unless directed to do so by medical personnel. Keep patient calm and reassured, rinse mouth with water. Give a slurry of activated charcoal in water to drink. Never give anything by mouth to an unconscious person. Do not apply direct mouth-to-mouth respiration without the use of a disposable protective mouthpiece. Loosen tight clothing such as a collar, tie, belt, or waistband. Get medical attention immediately.

Most important symptoms and effects, both acute and delayed:

Inhalation: Irritating /may be harmful / harmful to the mucous membranes and upper respiratory tract.

Ingestions: Irritating /may be harmful / harmful if ingestion.

Skin contact: Irritating /may be harmful / harmful in contact with skin and causes irritation.

Eye contact: Irritating /may be harmful / harmful to eye.

Indication of any immediate medical attention and special treatment needed:

Immediate medical attention is required if exposure to the product. Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Note to physician: Treat symptomatically.

If misuse of this product results in accidental illness **SEEK MEDICAL ADVICE PROMPTLY AND SHOW THIS SDS TO THE MEDICAL PRACTITIONER.**

5) FIRE FIGHTING MEASURES

Extinguisher media

Suitable extinguishing media: Foam, carbon dioxide, water fog or dry powder extinguishers

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

Specific Hazard arising from the mixture: Under thermal decomposition, the product may emit irritating and toxic fumes. The substance/product is non-combustible. Product is not explosive.

Specific extinguishing methods: Remove spectators from surrounding area. Isolate the fire area and evacuate all personnel downwind of the fire. Fight fire from maximum distance and use unmanned hose holder or monitor nozzles. Keep upwind. Avoid inhaling hazardous vapours and fumes from burning materials. Remove container from fire area if possible and without risk. Do not use high volume water jet, due to contamination risk. Do not scatter the burning material. Water can be used to cool unaffected containers but must be contained for later disposal. Contain fire control agents for later disposal. Avoid pollution of waterways by run-off from the site.

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Advice for fire-fighters: Wear NIOSH/MSHA approved self-contained breathing apparatus and full protective gear. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6) ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel: Keep all personal and avoid contact.

For emergency responders: Wear appropriate personal protective equipment. Avoid contact and ventilate area of the spill or leakage.

Protective equipment: Refer to Section 8 for personal protective equipment to be worn during containment and clean-up of a spill.

Emergency procedures: Alert fire-fighting personnel, evacuate unprotected personal and animals.

Environmental precautions: Recover contents and transfer to original or waste container. Prevent spilled product from entering sewers, waterways or ground water. Any spillages or uncontrolled discharges into watercourses should be reported immediately to the police and the Department of Water/Environmental Affairs.

Methods and materials for containment and cleaning up:

Material for containment and cleaning up: Cover spillage with sand, earth, or other suitable inert material, carefully shovel up and transfer to salvage container, mark container "HAZARDOUS WASTE". Dispose of as for hazardous waste in accordance with local / national regulations. Do not re-use spill material. Collect washings and add to the drums already collected. Do not flush spilled material or washings into drains or waterways. To decontaminate the spill area, tools and equipment, wash with water and suitable detergent. See section 13 for disposal considerations.

For small spills Clean and place in appropriate waste disposal container. Follow local and regional authority requirements.

For large spills Clean and place in appropriate waste disposal container. Follow local and regional authority requirements.

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.

7) HANDLING AND STORAGE

Precautions for safe handling: Store Domino in their original packaging away from any edible commodity, food utensils and drinking water. Avoid contact with the skin by wearing rubber gloves and wash exposed skin area after handling. Do not eat, drink, or smoke while handling the bait or before washing hands and face.

Protective measures: Observe directions on label and instructions for use. Advice on general occupational hygiene: practice good hygiene when using this material. Wash hands before eating, drinking, chewing gum, smoking, using the toilet, or applying cosmetics. Worker should shower at the end of each workday. Launder all clothing before it is re-used. Do not eat, drink or smoke when handling this product.

Conditions for safe storage, including incompatibilities: Keep under lock and key and out of reach of unauthorized persons, children and animals. Store in original container, labelled container, tightly closed, in an isolated, dry cool and well-ventilated area.

Store product in a segregated and approved area.

Incompatible substances: Store away from incompatible materials, heat, sun and source of ignition. Keep away from oxidizing agents and acids.

Specific end uses: Not applicable.

8) EXPOSURE CONTROL/PERSONEL PROTECTION

Control parameters

Occupational exposure limits (OEL): None known.

Biological exposure indices (BEI): None known.

Additional exposure limits under the conditions of use: None known.

Exposure control: Appropriate engineering controls: Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Hygiene measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Where there is 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.

Respiratory protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information.

Hand protection: It is a good industrial hygiene practice to prevent skin contact. Use rubber/chemical impermeable gloves.

Eye/face protection: Risk of contact: Wear approved safety goggles. Contact lenses is not protective eye devices.

Skin and body protection: Employee must wear appropriate proactive impervious clothing: rubber boots, hat and equipment to prevent repeated or prolonged skin contact when working with chemicals. Do not wear leather clothing. Apron and long sleeves are recommended.

Environmental exposure controls: Environmental manager must be informed of all major spillages.

9) PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state:	Clear to opaque gel.
Colour:	Colourless.
Odour:	Odourless.
Melting point/ freezing point:	Not known.
Boiling point:	Not known.
Flammability:	Non-flammable.
Flammability limit:	Not known.
Flash point:	Non-flammable.
Auto-ignition temperature:	400°C
Decomposition temperature:	Not known.
pH:	5.8-5.9.
Kinematic viscosity:	Not known.
Solubility:	Not known.
Partition coefficient:	Not known.
Vapour pressure:	Not known.
Density:	Not known.
Relative vapour density:	Not known.
Particle characteristics:	Not applicable.
Physical hazards	
Explosive properties:	Not known.
Oxidising properties:	Not known.
Other information	
Fat solubility (solvent-oil to be specified):	Not known.
Bulk density:	Not known.
Dissociation constant in water (p Ka):	Not known.
Oxidation-reduction potential:	Not known.

10) STABILITY AND REACTIVITY

Reactivity	The product is stable under normal warehouse conditions.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reaction	Can react with strong oxidizing agents.
Conditions to avoid	High temperature. Poor ventilation. Contamination. Moisture/high humidity.
Incompatible materials	Keep away from strong oxidizing agents.
Hazardous decomposition products	Carbon oxides and Sulphur oxides.

11) TOXICOLOGICAL INFORMATION

Information on toxicological effects:

Acute toxicity	
Acute Oral LD ₅₀ (rat)	Fipronil: >2000 mg/kg Not classified.
Acute Dermal LD ₅₀ (rats):	Fipronil: >2000 mg/kg Not classified.
Acute Inhalation LC ₅₀ 4 h 20 °C (rats)	Fipronil: >2.19 mg/L Not classified.
Skin irritation/ corrosion (rabbits)	Not an irritant.
Eye damage / irritation (rabbits)	Not an irritant.
Respiratory or skin sensitization	Not an sensitizer.
Germ cell mutagenicity	Non-mutagenic.
Carcinogenicity	Non-carcinogenic.
Reproductive toxicity	Not classified as hazardous.
Specific Target Organ Toxicity STOT single exposure	Not classified as hazardous.
Specific Target Organ Toxicity STOT repeated exposure	Not classified as hazardous.
Aspiration hazard	Not classified as hazardous.

12) ECOLOGICAL INFORMATION

Anticipated behaviour of the chemical product in the environment /possible environmental impact/ecotoxicity:

Acute toxicity	
Birds: LD ₅₀ for bobwhite quail and mallard ducks Dietary LC ₅₀ (8 d) for bobwhite quail and mallard ducks	Not known
Fish: LC ₅₀ (96 h) for rainbow trout >73 LC ₅₀ (96 h) for carp LC ₅₀ (96 h) for bluegill sunfish LC ₅₀ (96 h) for catfish	Not known
Daphnia – toxic to Daphnia EC ₅₀ (48 h)	Not known
Algae EC ₅₀ (72 h) for green algae	Not known
Bees: LC ₅₀ (oral) LD ₅₀ (topical)	Not known
Worms Acute LC ₅₀ (14 d)	Not known

Persistence and degradability: Expected to biodegrade in soil and adsorb to suspended solids and sediments in water.

Bio accumulative potential: Not known.

Mobility in soil: Low to no mobility.

Other adverse effects: Not known.

13) DISPOSAL CONSIDERATION

Waste treatment methods:

General Information: Do not discharge into drains, water courses or onto the ground. Discharge, treatment or disposal may be subject to national, state, or local laws. Empty containers may contain product residues. Open dumping or burning of this pesticide is prohibited. Waste resulting from the use of this product cannot be reused or re-processed. Never pour untreated waste or surplus product 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. Comply with local legislation applying to waste disposal. The product may be taken to a registered waste disposal site or incineration plant.

Disposal Methods: Triple rinse empty pesticide containers or packages by triple rinsing before disposal. Quarter-fill the empty packaging with water, close and shake for 30 seconds. Empty the content by placing it upside down over disposal bucket. Destroy the empty container by perforating and flattening and unused product as for toxic waste in accordance with local and /or national regulations. Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site. Do not re-use for any other purpose.

Container: Since emptied containers retain product residue, follow label warnings even after container is emptied.

Product/ packaging disposal: Treat as hazardous waste and dispose of in accordance with municipal, provincial and national regulations.

14) TRANSPORT INFORMATION

UN Number: 3082
UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S.
UN Classification [transport hazard class(es)]: 9
Packing group (if applicable): III
Marine pollutant (Y/N): Yes

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 Substances.

Relevant information regarding restrictions:

EU regulations: Regulation EC 1272/2008 [EU-GHS/CLP] and EU directives 67/548/EEC or EC 1999/45/EC.

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

SANS 11014:2010 – Safety data sheet for chemical products, Content and order section.

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.

16) OTHER INFORMATION

Indication of changes: GHS aligned.

Relevant classification and H statements (number and full text): None.

H410: Very toxic to aquatic life with long lasting effects

Training instructions: Use as indicated on the label, special training may be required for application.

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:

To the best of our knowledge, the information contained herein is accurate and is based on the present state of our knowledge and does not therefore guarantee specific properties. However, neither the above-named supplier nor any of its subsidiaries assumes any liability whatsoever for any accuracy or completeness of the information contained herein.

Final determinations of suitability of any material are sole responsibility of the users, who must take responsibility for observing existing laws and regulations. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.