



MATERIAL SAFETY DATA SHEET

According to Spanish Royal Decree (CE) n° 1907/2006 (REACH)

Date / Up to dated on 21st de June de 2020

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

1.1. Preparation:

TERMIGARD PLUS

Homologation Number:

1.2. Use of the preparation:

Insecticidal granular bait for underground termites (*reticulitermes* spp) in granules cellulose powder impregnated with diflubenzuron in plastic bags.

Termite insecticide. Interior and Exterior.

1.3. Identification of the company:

Química de Munguia, S.A.

Derio Bidea, 51

48100 Munguia (Vizcaya)

Telf: 003494 6741085

e-mail: info@quimunsa.com

1.4. Emergency phone number:

34 94 674 1085 (only workable hours)

2. COMPOSITION/INFORMATION ABOUT THE COMPONENTS

2.1. Classification of the substance or mixture:

Classification according to Regulation (EC) No. 1272/2008

Acute Aquatic Cat 1

Chronic Aquatic Cat 1

2.2 Label elements:

Label elements according to Regulation (EC) No 1272/2008

Pictograms:



Signal word:

ATTENTION

Hazard statements according to Regulation (EC) No. 1272/2008:

H410 Very toxic to aquatic organisms with long lasting effects.

Precautionary statements according to regulation (EC) No. 1272/2008:

P273 Avoid release to the environment.

P391 Collect spillage.

P501 Dispose of contents and / or its container as hazardous waste through an authorized manager, in accordance with current regulations.

2.3 Other hazards:

3 Composition / Indications of the components



3.1 Substances.

<u>Chemical description</u>	<u>%w/w</u>	<u>N° CAS/N°CE</u>	<u>Classification according to regulation (UE) No. 1272/2008 [UE-GHS/CLP]</u>
Diflubenzuron	0.25%	35367-38-5 252-529-3	Aquatic Acute 1; H400 Aquatic Chronic 1; H410

3. Complete wording of H and EUH phrases: see Chapter 16

4. FIRST AID MESURES

4.1 Description of first aid measures:

In contact with the eyes, wash with plenty of water for at least 15 minutes. Remember to remove contact lenses.

In contact with the skin, wash with plenty of soap and water, without rubbing.

If necessary, transfer the intoxicated person to a health center and take the label or the container. DO NOT LEAVE THE INTOXICATED ALONE.

4.2 Most important symptoms and effects, both acute and delayed. Poisoning can cause:

4.3 Indication of any immediate medical attention and special treatment needed.

Therapeutic tips:

Symptomatic treatment.

IN CASE OF AN ACCIDENT, CONSULT THE MEDICAL SERVICE FOR TOXICOLOGICAL INFORMATION. PHONE: 91-5620420

5. MEASURES IN CASE OF FIRE.

5.1 Extinguishing media:

Suitable Extinguishing Media: Extinguish fire with foam, powder, CO₂ or water fog.

Unsuitable extinguishing media: Do not use water jets to extinguish fires, only to cool areas and packaging near the source of heat.

5.2 Special hazards arising from the substance or mixture: Do not breathe the vapors. The flue gases of organic matter must always be considered as toxic by inhalation.

5.3 Recommendations for firefighters. Use masks with filters for organic products autonomous equipment in closed rooms. Use water, foam, CO₂, or a solid chemical. Wear a respiration mask and full protective equipment.

6. MEASURES TO TAKE IN CASE OF ACCIDENTAL DISPERSION.

6.1 Personal precautions, protective equipment and emergency procedures

No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel out. appropriate personnel (see section 8).

6.2 Environmental precautions:

Avoid dispersal of spilled material, contact with soil, water, drains and sewers. Inform the relevant



authorities if the product has caused environmental pollution (sewers, canals, land or air).

6.3 Methods and material for containment and cleaning up:

Channel large quantities and collect them in containers; dispose of in accordance with current local regulations. Wash small amounts with water. Dispose of the water used according to the local regulations in force.

6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8. For waste disposal, follow the recommendations in section 13.

7. HANDLING AND STORAGE.

7.1 Handling:

Risk mitigation measures: In order to avoid risks to people and the environment, follow the instructions for use. Before using the product, read the label carefully. Do not apply on food or kitchen utensils. Do not apply in the presence of people and / or domestic animals. Do not apply on surfaces or utensils that may be in direct contact with food, feed or livestock. Do not eat food and do not feed livestock crops grown on land near the bait stations.

Decontaminate and / or demonstrate that there are no residues before any replanting of edible crops near treated products. Wear waterproof gloves. It should be used alternately with other products that do not contain the same active substance to avoid resistant populations. Areas where barrier-type termiticides have previously been applied, as well as within half a meter of the foundation wall, should be avoided if possible. Remove baits and bait stations at the end of treatment

Areas of use indoors: Application in termite paths in industrial, public and private buildings. Fields of use outdoors: Application in termite paths. Application method: Bait stations.

Dose: It depends on the number of connections established, either in the outdoor bait stations or in those inside the building. The total amount of bait will always be based on its consumption.

Frequency of application: The bait should be checked every 30-45 days and will be replaced when it has been consumed. In case the infestation continues, repeat the process.

Instructions for use: Place the baits in the bait holders in direct contact with the attacked wood or the perforated tubes to introduce them into the soil, in order to reach all the colonies that may exist in their environment.

Application pattern: Stage 1: Survey: To obtain the maximum performance of the product, it is necessary to know with the maximum precision where termites are identified in their pathways. This step is done with precision equipment. Stage 2: Placement test: Once the path of the termites is identified, a test piece of cellulose (moistened cardboard or a piece of wood) is required to be placed to attract and verify the level of infestation. The test bait is introduced into a bait station that is placed inside the ground in the vicinity of the building (outdoor use) or that is placed on the walls or floor inside the building in the middle of the termite path. Stage 3: Application of the bait. When the test bait shows the presence of termites, the product is added to replace the test bait. It is placed in the bait station inside a plastic bag or by filling the bait station (outdoor only). When applied inside a bag, the bag is pierced or cut at the bait station with a small awl or knife and the bait station is closed again, allowing termites to enter through the small slots. at the bait station. Do not mix with other chemical products. Users must report if the treatment is ineffective and report directly to the owner of the record.

7.2 Storage:

Keep out of the sun. Store in the original container
Store in a dry place and in closed containers.

7.3 Specific uses:

Termite insecticide. Interior and Exterior.



8. INDIVIDUAL PROTECTION.

8.1 Exposure limit values: Maintain adequate ventilation.

8.2 Personal protective equipment:

Respiratory protection:

Mask with filters for organic products and dust. EN 136, 140 and 405 and filters EN 149 and 143

Hand protection:

Nitrile, EN420 and EN 374 chemical resistant protective gloves

Eye protection:

Safety glasses with side protection (EN 166, 167, 168)

General protection and hygiene measures:

Wash your hands after handling the product and before eating, drinking and / or smoking.

Routinely wash clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned.

9. PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

Heat stability: <160°C

Solubility in other solvents: Partially soluble in some organic solvents.

Appearance: Solid in granules

Color: White

Odor: Not appreciable Odor threshold: N.A./N.A.

pH: N.D./N.A. Melting Point: N.D./N.A.

Boiling point / range: N.A./N.A.

Flash point: N.A./N.A.

Evaporation rate: N.A./N.A.

Flammability (solid, gas): N.A./N.A.

Lower explosion limit: N.D./N.A.

Upper explosion limit: N.D./N.A.

Vapor pressure: N.D./N.A.

Vapor density: N.A./N.A.

Solubility in water: Immiscible in water.

Explosive properties: Not explosive

Oxidizing properties: Not oxidizing

10. STABILITY/REACTIVITY.

10.1 Reactivity.

The product does not present dangers due to its reactivity.

10.2 Chemical stability.

Stable under recommended handling and storage conditions (see section 7).

10.3 Possibility of hazardous reactions.

The product does not present the possibility of dangerous reactions.



10.4 Conditions to avoid.

Avoid any type of incorrect manipulation.

10.5 Incompatible materials.

Keep away from oxidizing agents and strongly alkaline or acid materials, in order to avoid exothermic reactions.

10.6 Hazardous decomposition products.

It does not decompose if it is used for its intended uses.

11. TOXICOLOGICAL INFORMATION.

Acute toxicity:

Oral LD50 rat:> 5000 mg / kg.

Rata dermal LD50:> 2000 mg / kg.

Rata inhalation LC50:> 5.1 mg / L 4 exp

Eye irritation: Not irritant

Skin irritation: Not irritant.

Values for diflubenzuron.

12. ECOTOXICOLOGICAL INFORMATION

Fish: LC50 (96h)> 100 mg / l NOEC (30d, 1st stage of life) = 14 mg / l

Daphnia: EC50 (48h) = 6 mg / l NOEC (21d) = 16 microg / l



Algae: EC50 (120h) <18 mg / l

Earth: The product is not dangerous for birds, bees and earthworms.

13. CONSIDERATIONS ABOUT DISPOSAL.

No reset is tolerated in the environment. Entrusting rinses utensils and gloves used for filling traps company approved for the destruction of hazardous products.

14. TRANSPORT INFORMATION.

	ADR/RID	ADN/ADNR	IMDG	IATA
14.1 Number ONU	UN3077	UN3077	UN3077	UN3077
14.2. Official designation of trnasport	Solid substance dangerous for environment (diflubenzuron)	Solid substance dangerous for environment (diflubenzuron)	Solid substance dangerous for environment (diflubenzuron)	Solid substance dangerous for environment (diflubenzuron)
14.3 Class (es) of dangerous goods. Labelled	9 	9 	9	9
14.4 Packing group	III	III	III	III
14.5 Hazards to the environment	SI	SI	SI	SI



14.6 Special precautions for users.	Hazard identification number: 90	Hazard identification number: 90		
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15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations and legislation specific to the mixture.

Product authorized with registration / authorization number: ES / APP (NA) -2019-18-00596

Classification according to Regulation (EC) No. 1272/2008

Aquatic Acute Cat 1 Aquatic Chronic Cat 1

Label elements according to Regulation (EC) No 1272/2008

Pictograms:



Signal word:

ATTENTION

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Precautionary statements according to regulation (EC) n° 1272/2008:

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15.2 Chemical safety assessment:

No chemical safety report has been made.

Instructions on handling the product are found in sections 7 and 8 of the Safety Data Sheet.



16. OTHER INFORMATION

This complements the technical sheets but does not replace it.
The information it contains is based on our state of knowledge
the product concerned on the date indicated. They are given in good faith.
The user's attention is drawn to the possible risks
incurred when a product is used for purposes other than those for which it
was designed.

It does not exempt the user from knowing and applying all
the regulations governing his activity. He will be the sole responsibility
precautions related to his use of the product.

All regulations mentioned is simply to
assist the recipient in fulfilling the obligations when using
the hazardous product.

This list should not be considered exhaustive and does not preclude
the recipient to ensure possibly other obligations are due
texts other than those cited for possession and use of the product
which he alone is responsible.

Reserve responsibilities:

The information contained in this safety data sheet are based on
sources believed to be accurate. However, the Company assumes no responsibility
as to the accuracy, completeness or adequacy of such information. user
Product is responsible for verifying the suitability of this information on its
specific applications.

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