



MATERIAL SAFETY DATA SHEET

According to regulation (CE) No 1907/2006 (REACH)

Date / Updated the 21 of July of 2016. Rev. 06

1. Identification of the substance or mix and the society or company

1.1. Identification of the preparation:

DIPTRON

REGISTRATION: D.G.S.P. Number 10-30-05749

D.G.S.P. Number 10-30-05740HA

1.2. Use of the preparation:

Insecticide concentrate emulsifiable for flying and creeping insects

Environmental use: exclusively by specialized personnel.

Use in the food industry: exclusively by specialized personnel

1.3. Company ID:

Química de Munguia

Derio Bidea, 51

48100 Munguia (Vizcaya)

Tel. 94 674 1 85

e-mail: info@quimunsa.com

1.4. Emergency Phone:

Phone: +34 (94) 6741085 (Available only during office hours)

2. Hazards identification of the preparation

2.1. Classification of the substance or mixture:

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

Reproductive toxicity (additional category for effects on or via lactation).

Acute aquatic Cat 1

Chronic Aquatic Cat 1

2.2. Elements of the label:

Pictograms:



Word of warning:

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

H362 May cause harm to breastfed children

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements in accordance with Regulation (EC) No 1272/2008:

P201. Ask for specific instructions before use.

P260 Do not breathe the vapor.

P263 + P270 Avoid contact during pregnancy / breast-feeding. Do not eat, drink, or smoke during use.

P273 Avoid release to the environment

P391 Collect the spill

P501 The content and / or its container must be disposed of in accordance with the directives on hazardous waste.

2.3 Other risks

3. **Composition / information on ingredients**

Components	CAS No	% w/w	Classification according to Regulation (EU) No. 1272/2008 [EU-GHS / CLP]
Etofenprox	80844-07-1	10	Aqua. tox. (acute) 1: H400, Aqua.tox. (chronic) 1: H410
Piperonyl butoxide	51-03-6	20	Aqua. tox. (acute) 1: Aqua. tox. (chronic) 1:H410

Complete statement of R, H and EUH phrases: see Chapter 16.

4. **First aid measures**

4.1. Description of first aid measures::

In contact with eyes, rinse with plenty of water for at least 15 minutes. Do not forget to remove the contact lenses. In contact with the skin, wash with plenty of soap and water, without rubbing. If necessary, transport the intoxicated person to a hospital and, wherever possible, carry the label or container.

DO NOT LEAVE THE INTOXICATED PERSON ALONE AT ANY TIME

4.2. Main symptoms and effects, both acute and delayed. Poisoning can lead to:

Irritation of eyes, skin and mucous membranes.

4.3 Indication of any medical attention and special treatment to be dispensed immediately.

Therapeutic advice: Symptomatic and supportive treatment. IF YOU NEED MEDICAL ADVICE, KEEP THE LABEL OR PACKAGE AND REFER TO THE MEDICAL TOXICOLOGICAL INFORMATION SERVICE- PHONE +34 91-562-04-20.



5. Protective measures for fire extinguishing.

5.1 Extinguishing Media:

Suitable extinguishing media: Turn off the fire by means of foam, dust, CO₂ or water spray

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

5.2 Specific hazards arising from the substance or mixture: Do not breathe the vapors. Combustion gases from organic materials must always be regarded as toxic by inhalation.

5.3 Advice to firefighters. Use masks with filters for organic products or stand-alone equipment in enclosed spaces.

6. Accidental release measures.

6.1 Personal precautions, protective equipment and emergency procedures No action shall be taken involving any personal risk or without suitable training. Do not let unnecessary and unprotected personnel enter. Appropriate personnel (see section 8).

6.2 Environmental precautions: Avoid dispersal of spilled material and contact with soil, waterways, drains and sewers. Inform the appropriate authorities if the product has caused environmental pollution (sewers, canals, land or air).

6.3 Methods and material for containment and cleaning up:

Charge large quantities and collect in containers; Dispose of in accordance with local regulations. Wash small amounts with water. Dispose of used water according to local regulations.

7. Handling and storage.

7.1. Handling:

Before using the product read the label carefully.

To avoid risks to people and the environment follow the instructions for use.

Do not apply on food or cooking utensils. It may not be applied to surfaces, areas, or enclosures where food is handled, prepared, consumed or served.

Do not use in presence of people and / or pets.

Ventilate properly before entering the room.

Do not mix with other chemical products.

Avoid contact with the treated surfaces.

It may not be applied in playgrounds, day care centers and children's schools.

How to use:

-On Air Surfaces: Spraying or nebulizing the product diluted in water.

Store in the original container.

-To disinfect tissues: Spraying the product diluted in water on fabrics. Allow the product to act and then aspirate or wash the treated tissues.

How to use in the food industry:

In the food industry the product will be applied by spraying the product diluted in water directed to sockets and floors. It cannot be applied aerielly or through nebulization equipment. The application in the food industry will have to be carried out in the absence of food respecting the minimum safety period of 12 hours. All necessary measures shall be



taken to ensure that food, machinery or utensils that are handled in premises or facilities previously treated with said product do not contain residues of any of its active ingredients. To disinfect tissues: spray the diluted product in water on the tissue, let the product act and then aspirate or wash treated tissues. Do not apply to garments or tissues that will be in contact with the skin

Recommended safety time: 12 hours

Do not apply to garments or tissues that will be in contact with the skin.

7.2. Storage conditions:

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

7.3. Specific end uses:

Environmental use: exclusively by specialized personnel.

Use in the food industry: exclusively by specialized personnel.

8. Exposure controls / personal protection

8.1. Exposure limit values:

No application.

8.2 Individual Protection Equipment:

Respiratory tract protection:

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

Hand protection:

Chemical resistant protective gloves Nitrile, EN420 and EN 374

Eye protection:

Protective goggles with side protection (EN 166, 167,168)

General measures of protection and hygiene:

Wash 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 shoes that cannot be cleaned.



9. Physical and chemical properties

Physical state:	Emulsifiable concentrate.
Color:	Colorless to slightly amber
Odor:	characteristic
Density:	$1 \pm 0.05 \text{ gr/cm}^3$ (20° C)
Melting point:	N.A.
Boiling point:	> 140 °C
Vapor pressure:	< 9.5 mm de Hg a 20° C
Flash point (closed cup):	>100°C
Water solubility:	Emulsifies in water
Solubilidad en disolventes orgánicos:	Miscible with many organic solvents
Partition coefficient: n-Octanol / water:	Not available
Acidity- Alkalinity:	The 2% emulsion provides a pH of 6-7
Incompatible with:	Strong alkaline media

10. Stability and reactivity.

10.1. Conditions to Avoid:

Avoid contact with oxidizing agents.

10.2. Hazardous decomposition products:

Thermal decomposition results in the development of carbon dioxide, nitrogen and other toxic fumes, so in case of fire or combustion avoid aspiration of fumes.

11. Toxicological information

Oral LD50 rats:	> 10,000 mg / kg.
LD50 dermal rats:	> 10,000 mg / kg.
LC50 inhalation rats:	> 55 mg / l air (4 h.)
Eye irritation:	Not irritating
Dermal irritation:	Not irritating to the skin
Sensitization:	Non-sensitizing
At the dose of use does not show carcinogenesis.	
Note: Estimated values for the product.	

12. Ecotoxicological indications

12.1. Avoid contact with rainwater or groundwater.

12.2. Persistence and degradability Not available.

12.3. Bioaccumulation Potential

Nothing indicates until now that the product is bioaccumulable.

12.4. Mobility in soil: Not available

13. Indications for disposal.

13.1 Product

They must be managed in accordance with current regulations through authorized managers.




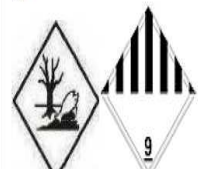
Waste should not be disposed of through sewage networks.



13.2 Containers

Use by specialized professional personnel: Empty containers must be managed in accordance with current regulations through authorized managers.

14. **Transport information.**

	ADR/RID	ADN/ADNR	IMDG	IATA
14.1 UN number	UN3082	UN3082	UN3082	UN3082
14.2. Proper shipping name	Potential dangerously hazardous substances for the environment n.e.p (etofenprox).	Potential dangerously hazardous substances for the environment n.e.p (etofenprox).	Potential dangerously hazardous substances for the environment n.e.p (etofenprox).	Potential dangerously hazardous substances for the environment n.e.p (etofenprox).
14.3 Class (es) of dangerous goods. Labels	9 	9 	9 	9 
14.4 Packing group	III	III	III	III
14.5 Hazards to the environment	YES	YES	YES	YES
14.6 Special precautions for user.	Hazard identification number: 90	Hazard identification number: 90		

Sales format: Combination packaging. Exemption for limited quantities:



15. **Regulations.**

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

Product authorized according to RD 3349/1983 of November 30, which approves the sanitary technical regulations for the manufacture, commercialization and use of pesticides.

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

Pictograms:



Word of warning:

ATTENTION



QUIMUNSA

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

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H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements in accordance with Regulation (EC) No 1272/2008:

P201. Ask for specific instructions before use.

P260 Do not breathe vapor.

P263 + P270 Avoid contact during pregnancy / breast-feeding. Do not eat, drink, or smoke during use.

P273 Avoid release to the environment

P391 Collect the spill

P501 Elimínense el contenido y/o su recipiente de acuerdo con la normativa sobre residuos peligrosos.

15.2 Chemical Safety Assessment:

No chemical safety report.

Information on handling of the product can be found in sections 7 and 8 of the Safety Data Sheet.

16. **Other information.**

Sources of data used to compile the chart:


RD 3349/1983.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) in the version in force respectively.

Transport regulations in accordance with ADR, RID, IMDG, IATA in the current version respectively.

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