

TOUMORT

Special fly and mosquito

1. IDENTIFICATION OF THE PRODUCT AND COMPANY

Company: CHEMICAL TREATMENT COMPANY - **COTCHIM** -

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2. IDENTIFICATION OF RISKS

2.1. Classification of the substance or mixture

- In accordance with Regulation (EC) No 1272/2008 and its adaptations.
- Can provoke an allergic reaction.
- Acute toxicity to the aquatic environment, Category 1.
- Chronic toxicity to the aquatic environment, Category 1.
- This mixture does not present a physical danger.
- This mixture does not present a health hazard.
- ▶ In accordance with directives 67/548 / EEC, 1999/45 / EC and their adaptations.
- Can provoke an allergic reaction.
- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. This mixture does not present a physical danger. See the recommendations concerning the other products present in the room.
- This mixture does not present a health hazard.

2.2. Label elements

- The mixture is a biocidal product (see section 15).
- The mixture is used as a spray.

In accordance with Regulation (EC) No 1272/2008 and its adaptations.

- Danger pictogram: GHS09



- Signal word: CAUTION
 - Product identifier: EC 920-901-0 HYDROCARBONS, C11-C13, ISOALKANES, <2% AROMATICS
 - Additional Labeling: EUH208 Contains PERMETHRIN (ISO). Can produce an allergic reaction.
 - Hazard statements and additional hazard information: H410 Very toxic to aquatic life with long lasting effects.
 - Precautionary statements - General: P101 In case of consultation with a doctor, keep at disposal the container or the label.
P102 Keep out of reach of children.
P103 Read the label before use.
 - Precautionary statements - Prevention: P273 Avoid release to the environment.
 - Precautionary statements - Response: P391 Collect spilled material.
 - Precautionary statements - Disposal: P501 Dispose of contents / container in accordance with local waste disposal guidelines.
- In accordance with Directives 67/548 / EEC, 1999/45 / EC and their adaptations.

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- Danger symbol: Dangerous for the environment



- Contains PERMETHRIN (ISO). Can provoke an allergic reaction.
613-058-00-2

- Risk phases: R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

- Safety phases: S 29 Do not empty into drains.

S 61 Avoid release to the environment. Refer to the special instructions / safety data sheet.

S 2 Keep out of the reach of children.

S 46 If swallowed, seek medical advice immediately and show this container or label.

S 23 Do not breathe vapors.

Use and store only in well-ventilated areas. Do not use for any purpose other than that for which the product is intended. Dispose of packaging in accordance with the requirements of the municipal waste disposal by-law. Fear the frost.

2.3. Other hazards

No data is available.

3. COMPOSITION / INFORMATIONS SCOMPOSANTS

Trade name:

TOUMORT special fly and mosquito

Nature of the product:

Liquid insecticide as a ready-to-use emulsion: Permethrin, Tetramethrin, Piperonyl Butoxide.

Description: Mixture of substances with non-dangerous additives.

Composition:

Chemical name	CASE No.	EC No	Classification	Concentration[%]
Permethrin, (1RS) -cis, 3-phenoxybenzyl trans-3-(2,2-dichlorovinyl) -2,2-dimethylcyclopropanecarboxylate	52645-53-1	258-067-9	N, Xn, R20/22, R43, R50/53	0.09
Tetramethrin	7696-12-0	214-619-0	Xn, N R: 36/37/38-20/21/22-50/53	0.3
Piperonyl Butoxide, 3,4methylenedioxy-6-propylbenzyl-n-butyl diethyleneglycolether	51-03-6	200-076-7	LD50	0.1
waters				99.51

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4. FIRST AID

In general, if in doubt or if symptoms persist, always seek medical attention.
NEVER give anything to an unconscious person.

4.1. Description of first aid

In case of inhalation: In case of allergic manifestation, consult a doctor.

In case of eye contact: Wash thoroughly with fresh, clean water for 15 minutes holding eyelids apart.

In case of skin contact: In case of allergic manifestation, consult a doctor.

If swallowed: If the quantity is small (no more than one sip), rinse the mouth with water and consult a doctor. Keep at rest. Do not induce vomiting. Consult a doctor by showing him the label. In the event of accidental ingestion call a doctor to judge whether it is appropriate to monitor and treat hospital environment if needed. Show the label.

4.2. Most important symptoms and effects, both acute and delayed

No data is available.

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

No data is available.

5. FIRE FIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

- Suitable means of extinction

In case of fire, use: water spray or mist of water.

- Unsuitable extinguishing media In case of fire, do not use: water jet.

5.2. Special hazards arising from the substance or mixture

- A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

- Do not inhale the smoke.

- In case of fire, carbon monoxide (CO), carbon dioxide (CO₂) may form.

5.3. Advice to firefighters

- No data is available.

6. MEASURES TO BE TAKEN IN CASE OF ACCIDENTAL DISPERSAL

6.1. Personal precautions, protective equipment and emergency procedures

- Refer to the protective measures listed in sections 7 and 8.

- For emergency responders the responders will be equipped with appropriate personal protection equipment (Refer to section 8).

6.2. Precautions for the protection of the environment

- Contain and collect leaks with non-combustible absorbent materials, eg sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent entry into sewers or waterways.

6.3. Methods and material for containment and cleaning

- Clean preferably with detergent, avoid the use of solvents.

6.4. Reference to other sections

No data available

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7. HANDLING AND STORAGE

The requirements for storage rooms are applicable to workshops where the mixture is handled.

7.1. Precautions for safe handling

- Wash your hands after every use.
- Ensure adequate ventilation, especially in confined areas.
- Fire prevention: Handle in well-ventilated areas.

Prohibit access to unauthorized persons.

- Recommended equipment and procedures: For personal protection (see section 8).

Observe the precautions indicated on the label as well as the regulations of the labor protection.

When personnel must operate in the cabin, whether for gun or not, the ventilation may be insufficient to control in all cases the particles and solvent vapors. It is then recommended that personnel wear respirators with compressed air during spraying operations until the concentration of particulates and solvent vapors has fallen below the exposure limits. The opened packaging must be closed carefully and kept in a vertical position.

- Prohibited equipment and procedures: It is forbidden to smoke, eat and drink in the premises where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

- Storage

Keep out of the reach of children. The floor of the premises will be impervious and will form a retention basin so that in the event of an accidental spill, the liquid can not spread outside.

- Packaging

Always keep in packaging of the same material as the original.

7.3. Specific end use (s)

No data available.

8. EXPOSURE CONTROL /PERSONAL PROTECTION

8.1. Control settings

No data available.

8.2. Exposure controls

- Individual protection measures, such as personal protective equipment

Pictogram of the obligation to wear personal protective equipment (PPE):



Use personal protective equipment that is clean and properly maintained.

Store personal protective equipment in a clean place away from the work area.

When using, do not eat, drink or smoke. Remove and wash contaminated clothing before reuse. Ensure adequate ventilation, especially in confined areas.

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- Eye / face protection

Avoid contact with eyes.

Use eye protection designed against liquid splashes.

Before handling, it is necessary to wear safety glasses.

- Hand protection

Wear appropriate protective gloves in case of prolonged or repeated contact with the skin.

Recommended gloves type: Natural latex

Nitrile rubber (butadiene-acrylonitrile copolymer (NBR))

PVC (Polyvinyl chloride)

Butyl rubber (isobutylene-isoprene copolymer)

Body protection

Staff personnel will wear a regularly cleaned work uniform.

After contact with the product, all soiled parts of the body should be washed.

9. PHYSICAL AND CHEMICAL PROPERTY

9.1. Information on essential physical and chemical properties

- General information

Physical State: Fluid liquid.

- Important health, safety and environmental information

PH of the substance / mixture: Not relevant.

PH measurement is not possible or its value is: Not relevant.

Boiling point / boiling range: Not specified.

Flash Point Interval: 60 ° C <PE <= 93 ° C

Steam pressure: Not relevant.

Density: <1

Water solubility: Soluble.

Viscosity: $\nu < 7 \text{ mm}^2 / \text{s}$ (40 ° C)

Melting Point / Range: Not specified.

Auto-ignition Point / Range: Not specified.

Decomposition Point / Range: Not specified.

9.2. Other information

No data available.

10. STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

This mixture is stable under the handling and storage conditions recommended in Section 7.

10.3. Possibility of hazardous reactions

Exposed to high temperatures, the mixture may release hazardous decomposition products, such as carbon monoxide and carbon dioxide, fumes, nitrous oxide

10.4. Conditions to avoid

Avoid: the gel

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10.5. Incompatible materials

10.6. Hazardous decomposition products

Thermal decomposition can release / form: carbon monoxide (CO), carbon dioxide (CO₂)

11. INFORMATIONS TOXICOLOGIQUES

11.1. Information on toxicological effects

Prolonged or repeated contact with the mixture may remove natural fat from the skin and cause non-allergic contact dermatitis and absorption through the epidermis. Splashing in the eyes can cause irritation and reversible damage.

- Acute toxicity :

CAS: 7696-12-0

TETRAMETHRIN

Oral: LD₅₀ > 5000 mg / kg

Species: Rat (Recommended by CLP)

Dermal: LD₅₀ > 5000 mg / kg

Species: Rat (Recommended by CLP)

Inhalation: LC₅₀ > 1180

Species: Rat (Recommended by CLP)

- Mixed

No toxicological information is available on the mixture.

- Respiratory or skin sensitization:

Contains at least one sensitizing substance. Can produce an allergic reaction

12. INFORMATION SECOLOGIQUES

Very toxic to aquatic life with long lasting effects.

Any discharge of the product into sewers or waterways should be avoided.

12.1. Toxicity

substances

Chronic Category 1 Toxicity (long term):

CAS: 7696-12-0

TETRAMETHRIN

Toxicity to fish: Exposure time: 96 h

0.001 <LC₅₀ <= 0.01 mg / l

M factor = 100

Toxicity to crustaceans: Duration of exposure: 48 h

Species: Daphnia magna

0.1 <EC₅₀ <= 1 mg / l

M factor = 1

PIPERONYL BUTOXIDE

CAS: 51-03-6

Oral LD₅₀ oral rat (female) 7220 mg / kg.

LD₅₀ acute dermal rabbit > 2000 mg / kg.

LC₅₀ inhalation rat > 5.9 mg / l (4h).

Skin irritation: Non-irritating.

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Irritation of the eyes: Non-irritating.

Skin sensitization: Not sensitizing.

- Mixtures

No aquatic toxicity information is available on the mixture.

12.2. Persistence and degradability

No data available.

12.3. Potential for bioaccumulation

No data available.

12.4. Mobility in the soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available

13. COSITION RELATED TO DISPOSAL

Appropriate waste management of the mixture and / or its container shall be determined in accordance with the provisions of Directive 2008/98 / EC.

Waste treatment methods

- Do not pour into drains or waterways.

- Waste: The management of waste is done without endangering human health and without harming the environment, and in particular without creating any risk for water, air, soil, fauna or flora.

- Recycle or dispose of in accordance with current legislation, preferably by a collector or an approved company. Do not contaminate soil or water with waste, do not dispose of in the environment.

- Dirty packaging: Empty the container completely. Keep the label (s) on the container. Give to a certified disposal contractor.

14. TRANSPORT INFORMATIONS

- Transport the product in accordance with the provisions of ADR for road, RID for rail, IMDG for the sea, and ICAO / IATA for air transport (ADR 2011 - IMDG 2010 - ICAO / IATA 2011).

- Classification:



ADR/RID	Class	Code	Group	Label	Ident.	QL	Avail.	EQ	Cat.	Tunnel
	9	M6	III	9	90	5 L	274 335 601	E1	3	F

IMDG	Class	2°Label	Group	QL	FS	Avail.	EQ
	9	-	III	5 L	F-A.S-F	274 335	E1

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IATA	Class	2°Label	Group	Passenger	Passenger	Cargo	Cargo	Rating	EQ
	9	-	III	964	450 L	964	450 L	A97 A158	E1
	9	-	III	Y964	30 kg G	-	-	A97 A158	E1

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture.

- Special provisions: No data available.
- Labeling of biocides (Regulation 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007 and Directive 98/8 / EC):

Name	CASE	%	TP
PERMETHRIN (ISO)	52645-53-1	0.09 g/l	18
TETRAMETHRIN	7696-12-0	0.03 g/l	18
PIPERONYL BUTOXIDE	51-03-6	0.1g/l	18

- Employees subject to reinforced medical supervision according to the French Labor Code: Enhanced medical surveillance for employees assigned to certain work defined by Article L 4111-6 and the special decrees adopted in application:
- Dangerous chemical agents: Decree N ° 2003-1254 of 23/12/2003. Enhanced medical surveillance for employees who carry out work set out in the order of 11 July 1977.
- US Standard Hazard Identification System for Emergency Response (NFPA 704):

16. OTHER INFORMATION

Since the user's working conditions are not known to us, the information given in this safety data sheet is based on the state of our knowledge and on both national and Community regulations.

The mixture must not be used for other purposes than those specified in section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary measures to meet the requirements of local laws and regulations.

The information given in this safety data sheet shall be considered as a description of the safety requirements for this mixture and not as a guarantee of the properties of the mixture.

Labels of phases H, EUH and R-phrases mentioned in section 3:

- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H332 Harmful by inhalation.

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H335 May irritate the respiratory tract.

H410 Very toxic to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

EUH208 Contains <name of sensitizing substance>. Can produce an allergic reaction.

R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R 20/22 Harmful by inhalation and if swallowed.

R 36/37/38 Irritating to eyes, respiratory system and skin.

R 43 May cause sensitization by skin contact.

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 65 Harmful: may cause lung damage if swallowed.

R 66 Repeated exposure may cause skin dryness or cracking.

- Abbreviations:

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

IMDG: International Maritime Dangerous Goods.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organization.

RID: Regulations concerning the International carriage of dangerous goods by rail.

WGK: Wasser gefahrungs klasse (Water Hazard Class).