



MATERIAL SAFETY DATA SHEET

Manufacturer/information service:

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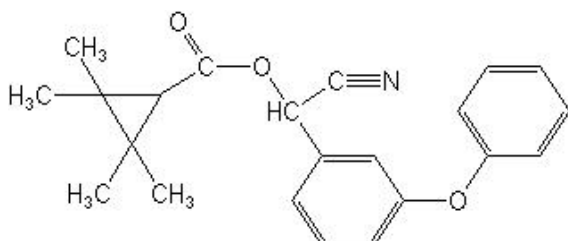
1. Chemical Product Identification

Product Name: Fenpropathrin 2.5% OD

Molecular Formula: C₂₂H₂₃NO₃

Molecular Weight: 349.4 g/mol

Structural Formula:



Chemical Name:

(RS)- α -cyano-3-phenoxybenzyl 2,2,3,3-tetramethylcyclopropanecarboxylate

Form: Solid

Colour: Claybank

Odour: Aromatic

CAS No.: 39515-41-8

2. Composition / Information on Ingredients

Composition	CAS No.	Content %
Fenpropathrin	39515-41-8	2.5
Other ingredients		97.5



3. Hazards Identification

Danger: Corrosive causes irreversible eye damage. May be fatal if swallowed. Harmful if inhaled. Avoid inhaling fume or spray mist. Do not get in eyes, on skin or on clothing. Aspiration hazard, do not induce vomiting. Keep out of children.

4. First Aid Measures

EYES: Flush eyes immediately with fresh water for at least 15 minutes while holding eyelids open. Remove contact lenses if worn. Get medical attention.

SKIN: Wash with soap and water. Remove and wash contaminated clothing separately. Get medical attention if irritation persists.

INGESTION: If swallowed, Do not induce vomiting. Call a physician or Poison Control Centre. Promptly drink a large quantity of milk, egg whites or gelatin solution. If these are not available, drink large quantities of water. Avoid alcohol. Get medical attention immediately.

INHALATION: If respiratory discomfort or irritation occurs, move the person to fresh air. See a doctor if discomfort or irritation continues. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention

5. Fire-Fighting Measures

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture

Carbon oxides, nitrogen oxides (NO_x)

Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

6. Accidental Release Measures

For Or Spills on Land:

Containment: Avoid runoff into storm sewers and ditches which lead to waterways. Contained spilled liquids with dry sorbents.

Cleanup: Clean up spill immediately. Absorb spill with inert material (such as dry sand or earth), then place in a chemical waste container. Wash area with soap and water. Pick up



wash liquid with additional absorbent and place in a chemical waste container.

For Spills In Water:

Containment: This material forms an emulsion in water. Stop or reduce contamination of any water. Isolate contaminated water.

Cleanup: Remove contaminated water for treatment or disposal.

7. Handling And Storage

Do not use or store near flame, sparks or hot surfaces. Use only in well ventilated area. Keep container closed.

Do not weld, heat or drill container. Replace cap or bung. Emptied container still contains hazardous or explosive vapor or liquid.

8. Exposure Controls/Personal Protection

Eye Protection: Do not get this material in your eyes. Eye contact can be avoided by wearing protective eyewear.

Respiration/Ventilation: This material may be an inhalation hazard and, unless ventilation is adequate, the use of approved respiratory protection is recommended. Use this material only in well ventilated areas.

Skin Protection: Avoid contact with skin or clothing. Skin contact should be minimized by wearing protective clothing including gloves.

9. Physical and Chemical Properties

Form: Solid

Colour: Claybank

Odour: Aromatic

10. Stability and Reactivity

Incompatibility: Avoid contact with strong oxidizing agents

11. Toxicological Information

Acute oral LD₅₀ for rats is ≥ 48.5 a.i.mg/kg bw (vehicle dependent).

Acute dermal LD₅₀ for rats is ≥ 870 a.i.mg/kg bw (vehicle dependent).

Acute inhalation toxicity LC₅₀(4 h) for rats is ≥ 0.556 a.i.mg/L (nose-only exposure).



Skin irritation: Slightly irritating to skin (rabbits).

Eye irritation: Slightly irritating to eyes (rabbits).

Skin sensitization for guinea pig: Non-sensitizing.

12. Ecological And Ecotoxicological Information

Effect on birds: Acute oral LD₅₀ for Mallard is 1089 a.i.mg/kg.

Effect on fish: Acute LC₅₀ (96 h) for Rainbow trout is 0.0023 a.i.mg/l.

Effects on aquatic invertebrates: Acute EC₅₀ (48 h) for Daphnia magna is 0.00053 a.i.mg/l.

Effects on algae: Acute 72 hour EC₅₀ is 2 a.i.mg/l.

Effects on bees: Contact acute 48 hour LD₅₀ is >0.05 a.i.µg/bee.

Effects on earthworms: Acute 14 day LC is 184 a.i.mg/kg.

13. Disposal Considerations

Disposal Methods: Check governmental regulations and local authorities for approved disposal of this material. Dispose in accordance with applicable laws and regulations.

14. Transport Information

Not Applicable

15. Regulatory Information

Not Applicable

16. Other Information

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct. This information applies to the product as such. In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear. It is the responsibility of persons on receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produce formulations containing this product, it is the recipients sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS.



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