

Product Safety Data Sheet

Cimetro

PYRETHROID INSECTICIDE SUSPO-EMULSION CONCENTRATE + INSECT GROWTH REGULATOR +KDA'S

HSE No. 7453

1) Identification of the substance, its preparation, and the supplying company.

Product Name : Cimetro
Product Code : CMTL
Intended Use : Insecticide for residual control of crawling and (resting) flying insects
Supplier : PelGar International Ltd., Peak Centre, Liphook. Hants GU30 7TN. UK.
Telephone & Fax : Tel 44(0) 1428 722 250 Fax 44(0) 1428 722 811

2) Composition and information on the ingredients.

Composition : 4.65 % w/v alpha-cypermethrin + 4.65 % w/v tetramethrin + 1.86 % w/w of pyriproxyfen as a suspo-emulsion concentrate.

Common Name	Classification	CAS No.	Symbol	% w/w
Alpha-cypermethrin		67375-30-8	T+	4.65
Tetramethrin		7696-12-0		4.65
Pyriproxyfen		95737-68-1	N	1.86

3) Hazards Identification

Hazard Classification for supply and use -

Health Hazards: Irritating to eyes and skin

May cause tingling or numbness in exposed areas (paraesthesia)

Very toxic to fish and aquatic life

4) First Aid Measures

Ingestion If swallowed, take the victim to a doctor immediately and show him this information. Do not induce vomiting.

Skin Contact Remove contaminated clothing. Wash exposed areas of skin immediately with water and as soon as possible with soap and water. Contaminated clothing should be washed and dried before re-issue.

Eye Contact Hold eye(s) open and then irrigate with copious amounts of warm water for at least 10 minutes. Obtain medical advice immediately.

Inhalation Unlikely to present an inhalation hazard under normal conditions of use.. Obtain medical advice immediately as a precaution.

Further Medical treatment:

Gastric lavage may be effective when performed within 4 hours of ingestion.

Aspiration of this material into the lungs should be avoided.

Symptomatic treatment and supportive therapy as indicated.

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5) Fire Fighting Measures.

Keep fire exposed container cool by spraying with water.

Self-contained breathing apparatus should be worn by fire-fighting personnel. Avoid run-off into water courses and contain run-off with temporary earth barriers or with other chemical sorptives.

Extinguishing Media Do not use water-jets to extinguish fires or disperse spilt product, use carbon dioxide, dry powder, halon extinguishant, alcohol foam or water fog.

6) Accidental release measures.

Suitable protective clothing should be worn during removal of spills. Eye protection, chemically resistant gloves, boots and coveralls should be worn. Respiratory protection equipment should be used to provide protection against toxic fumes. Spillages should be absorbed with moist sand, soil or sawdust, and then transferred to a suitable container for disposal. Wash the contaminated area with water, or detergent and water, taking care to prevent the washings from entering surface water drains.

Spillages or uncontrolled discharges into water courses must be notified to the appropriate Regulatory Authority or to the National River Authority.

7) Handling and Storage

Handling: Product must be handled in a safe manner. Read the label before use, wear the recommended personal protective clothing and avoid contact with skin or eyes. Do not smoke drink or eat whilst using the product. Wash hands and face before eating, drinking or smoking.

Storage Store in original container under cool and dry conditions in a secure (lockable), well ventilated place, inaccessible to children and away from foodstuffs, and animal feedstuffs. Physically and chemically stable for at least two years when stored un-opened at ambient temperatures in the original sales packs.

8) Exposure controls and personal protection

When using this product refer to the label for details.

Occupational Exposure Limit

	Long-term Exposure Limit (8 hr TWA reference period)		Short-term exposure Limit (15 minute reference period)	
	ppm	mg m ⁻³	ppm	mg m ⁻³

9) Physical and Chemical properties

Form	:	Liquid
Colour	:	Creamy coloured
Odour	:	Slightly aromatic
pH	:	Not available
B.Pt (Deg. C)	:	Not available
M. Pt. (Deg. C)	:	Not available
Flash Point (Deg. C)	:	> 65 ° C
Auto Ignition Temp (Deg. C)	:	Not applicable
Explosive Properties	:	Not applicable
Oxidising Properties	:	Not applicable
Vapour Pressure (mm Hg)	:	Not available
Solubility (Water)	:	Miscible with water
Partition coefficient	:	Not applicable
Specific Gravity	:	1.05 - 1.35 @ 20 ° C

10) Stability and Reactivity

Hazardous Decomposition Products	Combustion or thermal decomposition may evolve toxic or irritant vapours.
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11) Toxicological Information

This health hazard assessment is based on the technical grade material, or other extrapolated data.

Ingestion	:	Oral Median Lethal Dose (calculated) > 2000 mg/kg (rat)
Skin Contact	:	Dermal Median Lethal Dose (calculated) > 5000 mg/kg (rat). Repeated and/or prolonged exposure may cause irritation and may cause skin sensitisation in sensitive individuals.
Eye Contact	:	Cimetrol may cause eye irritation.
Inhalation	:	Unlikely to cause harmful effects under normal conditions of handling and use.

12. Ecological Information

Toxicity	:	VERY TOXIC to fish and other aquatic wildlife. (not necessarily identical to the EC classification risk phrases)
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13) Disposal Considerations

Product : Do not contaminate ponds, waterways or ditches with product or empty packs.
Pack : Dispose of product and empty packs according to Local Authority and National requirements. For further guidance read the "Code of Practice for the Safe Use of Pesticides on Farms and Holdings" available from HMSO

14. Transport Information

UN No. : 3082

UN Pack. Group : III

ICAO/IATA Class

-primary :

SEA

IMDG Class, 9 Miscellaneous Dangerous Substance

primary:

Marine Pollutant : Classified as a Marine Pollutant

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, N.O.S. (Contains alpha-cypermethrin 4.65 % w/w, tetramethrin 4.65 % w/w and pyriproxyfen 1.86 % w/w) UN 3082 MARINE POLLUTANT

ROAD/RAIL :

ADR/RID Class : 9

ADR/RID Item No.: 11 (c) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Alpha-cypermethrin mixture) UN 3082 MARINE POLLUTANT

15) Regulatory Information

This substance is covered by the EEC Dangerous Substances Directive (CPL Regulations). It has been labelled in accordance with these regulations.

EEC Classification :

Hazard Symbol :

Risk & Safety Phrases: R52 Harmful to aquatic organisms.

S2 Keep out of reach of children.

S13 Keep away from food, drink and animal feeding stuffs.

S20/21 When using, do not eat, drink or smoke.

S24 Avoid contact with skin.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

SO53 Do not re-use container, keep tightly closed in a safe place.

16) **If you require any further information please contact PelGar International Ltd.**