Material Safety Data Sheet

Pesticides Fenitrothion (RXSOL-94-9401-250)

1. Product and Company Identifaction

Product Name	Pesticides Fenitrothion 96% ULV
Part Number	RXSOL-94-9401-250

Company Details:
RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Branch : Sikka, Kandla, Dahej , Hazira, JNPT, Goa, Mngalore, Cochin, Tuticorin,Chennai, Kakinada,Vizag, Paradip, Haldia, Kolkata,Fujairah

Phone	+91 22 27815540 / 27815542
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Email	123@rxmarine.com
Website	www.rxmarine.com

2. Composition / informationon ingredients

Name of Substance	Cas Number	Weight %	Hazards code
Fenitrothion	122-14-5	97 %	H301, H312, H330, H400,
Proprietory Ingrident		3%	

3. Hazards Identification

Signal word	Danger
Hazard statement(s)	H302 Harmful if swallowed H330 Fatal if inhaled H315 Causes skin irritation H319 Causes serious eye irritation H335 May cause respiratory irritation H400 Very toxic to aquatic life H410 Very toxic to aquatic life with long lasting effects.
Precautionary statement(s)	P260 Do not breathe gas/mist/vapours/spray. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/faceprotection. P284 Wear respiratory protection. P312 Call a POISON CENTER or doctor/physician if you fell unwell.
Other hazards	None

4. First Aid Measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin rritation occurs: Get medical advice/attention.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion:	Immediately call a POISON CENTER or doctor/physician. Rinse mouth.
Symptoms	No data available.
Notes to Physician	No data available

5. Fire-fighting Measures

Suitable Extinguishing Media	Carbon dioxide (CO_2), chemical foam, dry chemical, water spray(mist).
Specific Hazard During Fire	No data available.
Special Protective Equipment	Fire fighters should wear full-faced self contained breathing.apparatus and protective clothing.

6. Accidental Release Measures

Personal Precautions	Wear protective gloves/protective clothing/eye protection/face protection.
Environmental Precautions	Avoid release to the environment.
Methods and material for containment and cleaning up	Evacuate non essential personnel. Ventilate area. Absorb spills with inert material such as clay, sand, earth, sawdust etc. and collect in a drum. Cover up the contaminated area with household detergent and small amount of water. Brush the slurry and spread inert absorbents on the slurry liquid and collect the absorbed material in a drum. Seal drum and dispose of. Do not contaminate water resources.

7. Handling and Storage

Precautions for safe handling	Wear protective gloves/protective clothing/eye protection/face protection. Wash skin thoroughly after handling. Do not eat, drink, or smoke when using this product. Avoid breathing mist or vapours. Use only outdoors or in a well-ventilated area. Avoid release to the environment.
Conditions for safe storage.	Store in a well-ventilated place. Keep container tightly closed.
Incompatibles	No data available.

8. Exposure controls and personal protection

Engineering Control	Local exhaust ventilation.
Individual Protection Measure	Wash hands thoroughly after handling. Avoid breathing mist or vapours. Use personal protective equipment as required.
Personal Protective Equipment:	Eye Protection: Wear eye protection, goggles. Skin Protection: Wear protective gloves and protective clothing. Respiratory Protection: Wear face protection, pesticide respiratory masks.

9. Physical and chemical properties

Appearance	Light brownish liquid
Odour	Characteristic odour
Odor Threshold	No information available
pH	No information available
Boiling Point	140°C
Flash Point	165°C
Evaporation Rate	No information available
Solid Flammability (solid,gas)	No information available
Explosion Limits	Upper/lower No information available
Vapor Pressure	0.1 kPa at 20°C
Vapor Density	>1.00 (101.3 kPa/air=1)
Relative density	No information available
Solubility in Water	Not miscible with water
Partition coefficient:n-octanol/water	3.3 (Fenitrothion Technical)
Auto-ignition temperature	>450°C

Decomposition temperature	No information available
Viscosity	No information available

10. Stability and reactivity

Reactivity	No data available
Stability	Stable for at least 3 years under normal warehouse conditions.
Possibility of Hazardous Reaction	No data available
Conditions to Avoid	Direct sunlight, heat and extreme temperature.
Incompatible Materials	No data available.
Hazardous Decomposition Products	Product: No data available.

11. Toxicological information

Acute toxicity	No data available
Skin Contact	Causes skin irritation.
Eye Contact	Causes serious eye irritation.
Inhalation	May cause respiratory irritation.
Ingestion	Harmful if swallowed.
Carcinogenicity	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Mutagenicity	No data available
Teratogenecity	No data available
Tetramethrin Technical	Exposure can cause numbness, tingling, and weakness in extremities. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

12. Ecological information

Toxicity	No data available
Persistence and degradability	Tetramethrin Technical Biodegradability: Biotic / Aerobic – Exposure time 28 d Result: 2% - Not readily biodegradable
Bioaccumulative potential	Fenitrothion Technical Oncorhynchus mykiss (rainbow trout)-72h : 20 µg/l Bioconcentration factor (BCF): 250
Mobility in soil	No data available
Other adverse effects	Very toxic to aquatic life.

13. Disposal considerations

Remarks	Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.
Waste Disposa	The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.Product may be burned in an incinerator equipped with afterburner and scrubber. Excess and expired materials are to be offered to a licensed hazardous material disposal company.

14. Transport information

ADR/RID

UN number	2903
UN proper shipping name	Pesticide, Liquid, Toxic, Flammable, N.O.S.
Hazard Class	6.1
Packing Group	III
Label/Mark	6(3)

IMDG

UN number	2903
UN proper shipping name	Pesticide, Liquid, Toxic, Flammable, N.O.S.
Hazard Class	6.1
Packing Group	III
Label/Mark	6(3)

IATA

UN number	2903
UN proper shipping name	Pesticide, Liquid, Toxic, Flammable,
Hazard Class	6.1
Packing Group	III
Label/Mark	6(3)

15. Regulatory information

Classification	Acute Toxicity (Oral), category 4 Acute (Inhalation) Toxicity, category 2 Skin Irritation, category 2.Eye Irritation, category 2 Specific Target Organ Toxicity-Single Exposure, category 3 Hazardous to the Aquatic Environment-Acute Hazard, category 1 Hazardous to the Aquatic Environment-Chronic Hazard, category 1
Signal Word	Danger
Pesticides Act	Class II
Classification	Poisonous

16. Other information

Other Information	The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.