

SEQUEL
C0326-C0122-UK


Xn : Harmful



N : Dangerous for the environment



9 : Miscellaneous dangerous substances and articles.

1. Identification of the product and the company

Name : SEQUEL.
Chemical description active ingredient(s) : Fenpyroximate : Tert-butyl (E)- a-(1,3-dimethyl-5-phenoxy-pyrazol-4-ylmethyleneamino-oxy)-p-toluate (IUPAC)
Chemical formula : C₂₄ H₂₇ N₃ O₄
Product identification : Soluble concentrate.
Company identification : CERTIS UK
 1b Mills Way
 Boscombe Down
 Business Park, Amesbury
 Wiltshire. SP4 7RX
 United Kingdom
 Telephone 1980 676500
 Fax 1980 626555
 E-mail: certis@certiseurope.co.uk

Use : Horticultural Acaricide
Anti-poison center - Tel. : For advice on medical emergencies, fires, spillages or chemical hazards ONLY - phone 0870 190 6777.
 For further advice for medical professionals - The National Poisons Information Service: Tel: 0870 600 6266 (UK only) or Dublin Tel: 00353 1379 964/379966.
 For further advice for veterinary surgeons: 020 7635 919.
 Certis Carechem24 multilingual 24 hours emergency number : +44 (0) 870 190 6777

Print date : 3 / 8 / 2010

2. Hazards identification

Physical/chemical hazards : The data available does not support any physical or chemical hazard.
Human health hazards : Harmful by inhalation. Irritant to eyes.
Environmental hazard : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. Information on ingredients

Substance/preparation : Preparation
Other information : This product is harmful.
 See chapter 16 for full text of R phrases
Composition : Below mentioned is the active component.

Substance name	Value(s)	CAS nr	EINECS nr	EC index	CERTIFICATE
Fenpyroximate	5 %	134098-61-6	-	-	----- T+: R26 Xn: R22 Xi: R36 R43 N: R50-53

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SEQUEL**C0326-C0122-UK****4. First aid measures****First-aid measures**

- **Inhalation** : Remove victim to fresh air. Allow the victim to rest. If breathing is difficult, give oxygen. Seek medical attention as a precaution.
- **Ingestion** : If swallowed, rinse mouth with water Give one or two glasses of water to drink. Allow the victim to rest. Do not induce vomiting. Seek medical advice.
- **Skin contact** : Wash skin with plenty of water and soap. Remove contaminated clothing. Wash clothing before re-using. Seek medical attention if irritation persists. Sensitized persons should avoid further contact and reuse of contaminated clothing.
- **Eye contact** : Rinse immediately with plenty of water. After 1 - 2 initial minutes remove contact lenses if present. Rinse again with plenty of water. Continue to rinse with the eyelid wide open for at least 15 minutes. Seek medical attention.

5. Fire - fighting measures**Extinguishing media****Suitable extinguishing media** : Water spray. Foam. Dry chemical powder. Carbon dioxide.**Hazardous thermal (de)composition products** : Burning may produce:
Toxic vapours/gases. (CO, CO₂, NO_x, etc.)**Protection of fire fighters** : Wear proper protective equipment.**Other information** : Avoid (reject) fire-fighting sand or dry chemical to enter environment.**6. Accidental release measures**

- Personal precautions** : Evacuate unnecessary personnel.
Wear suitable protective clothing, gloves and eye/face protection.
- Environmental precautions** : Prevent entry to sewers and public waters.
- Methods for cleaning up** : Clean up any spills as soon as possible, using an absorbent material to collect it. Collect spills and put it into appropriated container. Clean the polluted area with water.

7. Handling and storage

- Handling** : Provide adequate ventilation. Wash hands and face after handling thoroughly with soap and water. Avoid contact with skin and eyes. Do not breath spray/vapour. When using, do not eat, drink or smoke.
- Storage** : Protect from direct sunlight. Store in dry, cool, well-ventilated area. Use original packaging. Keep containers tightly closed.
Keep locked up and out of reach of children. Keep away from food, drink and animal feeding stuffs.

8. Exposure controls / personal protection

- Engineering measures** : Provide adequate ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
- Occupational Exposure Limits** : Fenpyroximate: 0.07 mg/mE3
- Personal protection**
 - **Respiratory protection** : Do not breath spray/vapour. Where exposure through inhalation may occur from use, approved respiratory protection equipment is recommended.



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8. Exposure controls / personal protection (continued)

- Skin protection : After contact with skin, wash immediately with plenty of soap and warm water. Wear clean working clothes every day.
- Eye protection : Chemical goggles or safety glasses.

9. Physical and chemical properties

- Physical state : Viscous liquid.
- Colour : White.
- pH value : 5.0 - 8.5 (20% aqueous suspension)
- Density [kg/mE3] : 1030 @ 20°C
- Self-ignition [°C] : Not applicable.
- Flash point [°C] : Not applicable.
- Log P octanol / water at 20°C : No data available.

10. Stability and reactivity

- Stability : Stable under normal circumstances. =< 3 years years.
- Hazardous decomposition products : None.
- Hazardous reactions : Not known
- Materials to avoid : Not known
- Hazardous polymerization : Will not occur.

11. Toxicological information

- Rat oral LD50 [mg/kg] : 7,193 (Male)
6,789 (Female)
- Dermal (rat) LD50 [mg/kg] : > 4,000
- Rat inhalation LC50 [mg/l/4h] : 5,1 (Male) , 3,4 (Female)
- Eye irritation (rabbit) : Moderate irritation.
- Skin irritation : Slight. (rabbit)

12. Ecological information

- LC50 48hr Carp. : 0.006mg/L (Fenpyroximate technical)
- LC50-3hr-Daphnia : 0.085mg/L (Fenpyroximate technical)
- Persistence and degradability : Fenpyroximate technical :
Hydrolysis. Stable (25°C, pH 4 , 7, 9)
Photolysis half-life 2.8-3.1h in distilled water (25°C, 85.8W/m2, 290~800nm)

13. Disposal considerations

- Waste-disposal procedures : According to national or local legislation. Do not dump into sewers, on the ground or into any body of water.
- Contaminated packaging : According to national or local legislation.

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SEQUEL**C0326-C0122-UK****14. Transport information**

- UN No. : 3082
- Proper shipping name : UN3082 MILIEUGEVAARLIJKE VLOEISTOF, N.E.G., 9, III (contains Fenpyroximate)
- Land transport (ADR/RID)**
- Class : M6
- ADR Class : 9
- Hazard identification number : 90
- Hazard Label(s) : 9
- Sea transport (IMO)**
- IMDG code : 9
- Packing group : III
- Proper technical name : UN3082 MILIEUGEVAARLIJKE VLOEISTOF, N.E.G., 9, III (contains Fenpyroximate)
- Air transport**
- IATA - Class or division : 9
- IATA Packing group : III

15. Regulatory information

- EU Classification** : **This product has been classified in accordance with The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002:CHIP 3.**
- Hazard symbol(s)** : Xn Harmful , N Dangerous for the environment.
- Warning phrases**
- R Phrase(s)** : R20 : Harmful by inhalation.
R36 : Irritating to eyes.
R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Safety phrases**
- S Phrase(s)** : S2 : Keep out of the reach of children.
S13 : Keep away from food, drink and animal feedingstuffs.
S20/21 : When using, do not eat, drink or smoke.
S24/25 : Avoid contact with skin and eyes.
S35 : This material and its container must be disposed of in a safe way.
S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection.
S60 : This material and its container must be disposed of as hazardous waste.
- Symbol(s)** : Harmful.
Dangerous for the environment.
- Great Britain** : **Classification according to specific UK Regulations.**
The labelling information below is that what has been approved under " The Control of Pesticides Regulations 1986" and/or " Part III of the Food and Environment Protection Act 1985 " and/or " Plant Protection Product Regulations 1999 " and any subsequent amendments and may differ from that indicated by any toxicological and/or other testing otherwise indicated in this " Safety Data Sheet " .
: Xn Harmful.
N Dangerous for the environment
R20 : Harmful by inhalation.
- Other information** : R41 : Risk of serious damage to eyes.
R43 : May cause sensitization by skin contact.
R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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SEQUEL**C0326-C0122-UK****15. Regulatory information (continued)**

S2 : Keep out of the reach of children.
S13 : Keep away from food, drink and animal feedingstuffs.
S20/21 : When using, do not eat, drink or smoke.
S24/25 : Avoid contact with skin and eyes.
S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S35 : This material and its container must be disposed of in a safe way.
S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection.
S57 : Use appropriate container to avoid environmental contamination.

16. Other information

Certis code : TW/WA
Explanation of R-phrases used in section 3 : R22 : Harmful if swallowed.
R26 : Very toxic by inhalation.
R36 : Irritating to eyes.
R43 : May cause sensitization by skin contact.
R50 : Very toxic to aquatic organisms.
R53 : May cause long-term adverse effects in the aquatic environment.
Sources of key data used : - The Pesticide Manual, 13th ed (ISBN 1 901396 12 6)
- Certis Europe Expert Team (CEET)
Trade name(s) : SEQUEL

The contents and format of this MSDS are in accordance with EC Commission Directive 93/112/EEC, 99/45/EC, 2001/58/EC and Reach Regulation 1907/2006.

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