

## ParaMite®

### Section 1: Identification of the Substance or Mixture and of the Supplier

<b>Product name:</b>	ParaMite
<b>Recommended use:</b>	Selective Miticide
<b>Company details:</b>	<b>Distributed in NZ by:</b> Grochem (AgriNova New Zealand Limited) 15 Sunlight Grove Porirua New Zealand  <b>Registered by:</b> Sumitomo Chemical Australia Pty Ltd 204 Beecroft Road Epping, NSW 2121 Australia
<b>Telephone:</b>	+64 4 237 0905
<b>Email:</b>	grochem@grochem.com
<b>Emergency telephone:</b>	New Zealand 0800 CHEMCALL – 24 hours (0800 243 6225)  Australia 1800 127 406 Other locations +64 4 917 9888  or The National Poisons Centre 0800 POISON (0800 764 766)
<b>Date of preparation:</b>	29 August 2017

### Section 2: Hazards Identification

<b>Hazard classification (Transport):</b>	Dangerous Goods: Class 9 – Miscellaneous Dangerous Goods
<b>Hazardous substances (HSNO):</b>	6.9A (DANGER: Causes organ damage through prolonged or repeated exposure.) 9.1A (WARNING: Very toxic to aquatic life with long lasting effects.) Avoid contamination of any water supply with product or empty container.



### Section 3: Composition/Information on Ingredients

**Classification & type:** Pure substance

Material	CAS No.	Proportion (%w)
Etoxazole	153233-91-1	11% (110 g/L)
Non-Hazardous components		to 100%

### Section 4: First Aid Measures

<b>Symptoms of exposure:</b>	No adverse health effects expected if the product is handled in accordance with this SDS and the product label. Symptoms that may arise if the product is mishandled are:
If Swallowed:	Cause organ damage through prolonged or repeated exposure. Accidental ingestion of small amounts is not expected to be harmful.
If in Eyes:	May elicit mild conjunctival irritation which should resolve quickly.
If on Skin:	Contact with skin is not expected to be harmful.
If Inhaled:	Inhalation of vapour may result in light headedness

**First aid actions:**

If Swallowed:	Do not induce vomiting. Wash mouth with water. Give water to drink. Seek medical advice.
If in Eyes:	Rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing.
If on Skin:	Remove contaminated clothing and wash skin thoroughly with soap and water. Launder contaminated clothing before reuse. Seek medical advice if irritation develops.
If Inhaled:	Remove from contaminated area to fresh air. If any signs or symptoms occur or persist, seek medical advice.

**Workplace facilities:** Emergency showers, eyewashes and general hygiene facilities must be available.

**Notes for medical personnel:** Apply basic aid and decontamination procedures. Treat symptomatically.

### Section 5: Fire Fighting Measures

<b>Type of hazard:</b>	May emit toxic and irritating fumes under fire conditions.
<b>HAZCHEM code:</b>	3X
<b>Combustion products:</b>	Normal combustion forms carbon dioxide, water vapour and may produce oxides of sulphur, nitrogen and toxic chlorine compounds. Incomplete combustion can produce carbon monoxide.
<b>Extinguishing media &amp; methods:</b>	Small fires: foam, dry chemical powder, carbon dioxide or water spray. Large fires: waterspray or foam. DO NOT USE full waterjet. All run-off must be contained.
<b>Recommended protective clothing:</b>	Ensure respiratory equipment is available. Evacuate immediate area. Wear full protective equipment, including breathing apparatus.

## Section 6: Accidental Release Measures

<b>Personal protection:</b>	See Section 8.3 for appropriate PPE.
<b>Containment and clean up:</b>	Stop the source of the spill if it is safe to do so. Contain the spill to prevent further contamination of the soil, surface or ground water. Do not allow material to enter sewers or bodies of water.
Small Spills:	Apply absorbent inert material such as soil, dry sand or vermiculite to the spill area. Sweep up material when absorption is complete and dispose of safely in an approved landfill.
Large Spills	Apply absorbent inert material such as soil, dry sand or vermiculite to the spill area. Form a barricade around spill and in front of drains or waterways in spill vicinity using inert material. Sweep up and dispose of safely in an approved landfill. Contact emergency services as required.
<b>Special requirements:</b>	See Section 13 for instructions for the disposal of waste/contaminated material.

## Section 7: Handling and Storage

<b>Subsection 1:</b>	<b>Handling</b>
Handling practices	Wear appropriate PPE as detailed in Section 8.3. Use only in well ventilated area. Keep container closed. Keep out of reach of children, unauthorised persons and animals. After handling and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.
<b>Subsection 2:</b>	<b>Storage</b>
Site requirements	Keep out of reach of children. Store in the closed original container in a well ventilated area, as cool as possible, although avoid freezing, away from foodstuffs. Do not store for prolonged periods in direct sunlight.
Packaging	Store in closed original container.

## Section 8: Exposure Controls/Personal Protection

<b>Subsection 1:</b>	<b>Workplace Exposure Guidelines (may also be considered in section 2)</b>
Workplace exposure standards	No specific data is available for the product for chronic exposure symptoms. EPA quantitative assessment indicates that the chronic risks to the health and safety of operators are acceptable even if PPE is not worn during mixing, loading and application. The use of PPE reduces the risk to negligible.
Exposure Standards outside the workplace	EPA quantitative assessment indicated that the chronic risks to bystander health and safety are acceptable with the proposed controls in place and the level of risk is considered negligible.
<b>Subsection 2:</b>	<b>Engineering Controls</b>
Exposure control measures	Use in well ventilated area. Do not inhale vapour or spray mist. If you believe airborne concentrations of mists, dusts or vapours are high, you are advised to modify the process or environment to reduce the problem.
<b>Subsection 3:</b>	<b>Personal Protective Equipment (PPE)</b>
Detail specifications for equipment	Wear PPE such as impervious gloves, eye protection and mask if necessary, waterproof hat, coat and trousers when using. Do not allow entry into treated areas until the spray has dried, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.
General hygiene	Always wash exposed skin after handling and before eating and after work.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	Grey-white opaque liquid	<b>pH</b>	7.4 (1% in water)
<b>Odour</b>	Odourless	<b>Boiling point (degC)</b>	Not Available
<b>Specific gravity (kg/L)</b>	1.05	<b>Freezing point (degC)</b>	Not Available
<b>Solubility</b>	Dispersible in water	<b>Flashpoint (degC)</b>	Not Available

**Section 10: Stability and Reactivity**

<b>Stability of substance:</b>	Stable under recommended storage and handling conditions.
<b>Conditions to avoid:</b>	Avoid direct sunlight.
<b>Material to avoid:</b>	Do not mix with water except for the normal preparation.
<b>Hazardous decomposition products:</b>	Emits toxic fumes under fire conditions.

**Section 11: Toxicological Information**

<b>Chronic health effects:</b>	The active constituent, etoxazole, is not carcinogenic and does not cause developmental or reproductive effects except at maternally toxic dosages.  May cause organ damage from repeated oral exposure at high doses.  See Section 2 for general hazard information.
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**Section 12: Ecological Information**

<b>Potential environmental interactions:</b>	Very toxic to aquatic life with long lasting effects.
<b>Environmental risk phrases:</b>	Do not contaminate streams, rivers or waterways with the chemical or used containers. Do not apply under meteorological conditions or from spray equipment that could be expected to cause spray to drift onto adjacent areas, particularly wetlands, waterbodies or watercourses.

**Section 13: Disposal Considerations**

<b>Product disposal:</b>	Dispose of in accordance with label, or at an approved landfill.
<b>Container disposal:</b>	Triple rinse empty container and add rinsings to the spray tank. Recycle empty container, otherwise crush and bury in an approved landfill.

**Section 14: Transport Information**

<b>UN number:</b>	3082
<b>DG class &amp; subsidiary group:</b>	9
<b>Proper shipping name:</b>	Environmentally Hazardous Substance, Liquid, N.O.S
<b>Packing group:</b>	III
<b>HAZCHEM Code:</b>	3X
<b>Special precautions:</b>	None

**Section 15: Regulatory Information**

**Regulatory status:** Registered pursuant to the ACVM Act 1997 No P8274. See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.  
Approved pursuant to the HSNO Act 1996, Approval Code HSR100527.  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions.

<b>HSNO Controls:</b>	Trigger quantities for this substance:
SDS must be available for	0.1L
Signage	100L
Emergency plan	100L
Bunding	100L

**Section 16: Other Information**

**Revision due:** 29 August 2022

**Additional information:** Directions for use are found on the product label.

**Glossary:**

ACVM	Agricultural Compounds and Veterinary Medicines (in relation to Group or Act 1997)
CAS	Chemical Abstract Services Number, used to uniquely identify chemical compounds
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms (legislation 1996)
PPE	Personal Protective Equipment

This MSDS summarises our best knowledge of the health and safety hazard information available for this product and how to safely handle and use it. Since the use of this information and the conditions of the use of this product are not under the control of GroChem, it is the user's responsibility to determine conditions of safe use of the product.