

MATERIAL SAFETY DATA SHEET

according to EU Directive 93/112/EC

ULTRA-TECH 2000I MICRO EMULSION INSECTICIDE

Version: 2

Print date: 24.5.04

**1. Identification of Substance/Preparation and Company**

Product Name Ultra-tech 2000i micro emulsion insecticide
Company Biokil Crown Ltd
7 Stadium Ind Park, Long Eaton
Nottingham, NG10 2DD
Telephone 0115 946 0060
Fax 0115 946 9767
Emergency Telephone 07967 10 71 95

2. Composition / Information on ingredients

Description: An aqueous blend of non-ionic surfactants, and insecticide

Hazardous Ingredients	CAS No.	% Range	Hazard	Risk No.
Permethrin Technical	52645-53-1	5	Harmful	22,52
Fatty Alcohol Ethoxylate	N/a	<15	Harmful	22,36/38

3. Hazards identification

This product is classified as HARMFUL under the Chemicals (Hazard Information and Packaging) regulations 1996

4. First aid measures

Inhalation Remove to open air. Seek medical attention if symptoms persist.
Eye Contact Flush well with water. For persistent irritation seek medical attention
Skin contact Wash with soap and water. For persistent irritation seek medical attention. Use moisturising cream if hands feel dry. Remove contaminated clothing.
Ingestion DO NOT INDUCE VOMITING. Give small amount of water or milk and seek medical attention. Show container, label or this safety data sheet to doctor

5. Fire fighting measures

This product is not flammable. However, irritating fumes may be evolved in the event of a fire. Treat fires with dry chemical, foam or water spray. Wear protective clothing.

6. Accidental release measures

Clean up excess with absorbent material and discard. Product should not enter drainage system. Dispose of via authorised waste disposal contractor.

7. Handling and storage

If splashing is likely to occur wear eye protection.
If skin contact is likely to occur wear rubber gloves and suitable protective clothing.
Use in a well ventilated area.
Store in original container, in a safe place with a secure lid at ambient temperatures.
Keep out of reach of children.
Wash hands and exposed skin after using and before eating and drinking.

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**8. Exposure controls / personal protection**

Always consult the label before use.

Ingredient:

Permethrin	0.05mg/Kg body weight (acceptable daily intake)
Terpene Hydrocarbon	LD50 rat (oral) >2g/Kg, LD50 rabbit (dermal) >2g/Kg
Respirators	For use in confined spaces
Gloves	Recommended
Eye Protection	Recommended
Protective clothing	Recommended

9. Physical and chemical properties

Appearance	Pale Straw to colourless liquid
Odour	Characteristic
Active Content	5.0% w/w Permethrin
Solubility in Water	Soluble
SG	1.020
Turbidity	0 – 20
pH	6 - 8

10. Stability and reactivity

Product is stable under normal conditions. Avoid mixing with other chemicals: strong acids/alkalis

11. Toxicological information

Inhalation	Mist may cause some irritation to respiratory tract.
Eye Contact	May irritate
Skin contact	May cause irritation. Prolonged contact may cause skin dryness which may result in dermatitis if left untreated.
Ingestion	May cause irritation to throat and stomach

12. Ecological information

This product must not enter water discharge system. Inform appropriate authority if large spillage enters drains

13. Disposal considerations

Dispose of empty container by landfill. Dispose of waste product by licensed waste disposal contractor

14. Transport information

Un No. 3082	Packaging Grp: 111	H.I. No. 90
ADR: Class 9	ADR Item No. :	HSE No. : 6390

15. Regulatory information**Read the Label before purchase and use.**

Label for supply

Risk Phrases

51, 57 Toxic to aquatic organisms. Toxic to bees.

Safety Phrases

2,20,24/25,26,27,28,36/37,38,50,62 Keep out of reach of children. When using do not eat or drink. Avoid contact with eyes and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Take off immediately all contaminated clothing. After skin contact wash with plenty of soap and water. Wear suitable protective clothing, gloves and eye/face protection. Do not mix with strong acids or alkalis. Use appropriate containment to avoid environmental contamination. If swallowed, do not induce vomiting : seek medical advice immediately and show container, label or this safety data sheet.

