



MATERIAL SAFETY DATA SHEET

SHRUB AND FLOWER BUG KILLER

1 Identification of Substance and Supplier

Product Name: Shrub & Flower Bug Killer
Product Description: Shrub & Flower Bug Killer is used to remove insects from leaves and foliage
Supplier: William Sinclair Horticulture Limited
Firth Road
Lincoln LN6 7AH
Tel: (01522) 537561
Fax: (01522) 513609

2 Composition/Ingredients

Chemical composition: Pyrethrum containing liquid spray with Iso-butanol, Piperonyl Butoxide, Pyrethrins including Cinerins
Synonyms: Not applicable.
CAS No: ISO-BUTANOL – 78-83-1
Piperonyl Butoxide – 51-03-6
Pyrethrin – 8003-34-7
Hazard classification: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
CLASSIFICATION (1999/45) R52/53.

3 Hazards

May cause irritation if inhaled.

4 First Aid Measures

Skin Contact: Wash off with plenty of water.
Eye Contact: Irrigate with water for 5 minutes.
Ingestion: Rinse mouth and drink at least 500ml of water. If symptoms persist seek medical advice.
Inhalation: Remove to fresh air.

5 Fire Fighting Measures

Suitable Fire Fighting: Any.
Extinguishing Media:
Non-suitable media: None.
Special Exposure Hazards: None.
Protection against fire and explosions: None.

6 Accidental Release Measure

After spillage, wash to drain with plenty of water. Do not use high pressure water jet. Wash contaminated clothing. Large spillages use dry sand or absorb into vermiculite and place into containers

7 Handling And Storage

All materials should be handled under good housekeeping practices.
Wear gloves if exposure is prolonged.
Keep out of direct sunlight, avoid freezing conditions to prevent rupturing containers
Avoid inhalation of vapours

8 Exposure Controls and Personal Protection

Personal protective equipment.
Respiratory protection: Recommended if exposure is high and prolonged
Hand protection: Gloves recommended if prolonged skin contact is likely.
Eye protection: Not specific eye protection noted, but may be required anyway

9 Physical and Chemical Properties

Appearance: Mobile liquid, blue colour
Odour:
pH:
Solubility in water: Miscible with water
Boiling point: 100°C
Melting point:
Flash point:
Flammability:

10 Stability and Reactivity

The material is stable under normal conditions of use.
Conditions to avoid: None.
Materials to avoid: None.
Hazardous decomposition: None.
Products:

11 Toxicological Information

Product has a low toxicity, only large volumes may have adverse impact on human health
Inhalation gas or vapour in high concentrations may irritate respiratory system
Ingestion No health warnings noted
Skin No health warnings noted
Eyes Spray and vapour in eyes may cause irritation

12 Ecological Information

Eco toxicity Little danger to the environment

13 Disposal Considerations

No special disposal method required, except that it be in accordance with current local authority regulations.

14 Transport Information

This product is covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID) no transport warning required

15 Regulatory Information

Risk Phrases

R52/53 Harmful to aquatic organisms,, may cause long term adverse effects in the aquatic environment

Safety Phrases

NC Not classified

UK REGULATORY REFERENCES

This product is approved under the Control of Pesticides Regulations 1986

16 Other Information

GENERAL INFORMATION

This safety data sheet provides health and safety information. The product is to be used in a way consistent with best horticultural practice as stated on packaging. Individuals handling this product should be informed under COSHH of the recommended safety precautions and should have access to this information. The product information in this data sheet is to the best of our knowledge correct at the date of publication. William Sinclair Horticulture disclaims any liability for any loss or damage resulting from reliance on this information.

RISK PHRASES IN FULL

R10 Flammable.

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to eyes.

R67 Vapours may cause drowsiness and dizziness.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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