

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product **ERAZA ANT KILLER POWDER**

Supplier **Westland Horticulture Limited**
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	EINECS-No.	Symbols	R-phrases	Concentration [%]
Permethrin	052645-53-1	258-067-9	Xn N	R20/22 R43 R50/53	<1%
Talc	14807-96-6	238-877-9			60-100%

For the full text of the R phrases mentioned in this Section, see Section 16.

3. HAZARDS IDENTIFICATION

Risk advice to man and the environment:

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

4. FIRST AID MEASURES

General Advice: Provide rest, warmth and fresh air.**Inhalation:** Move to fresh air. Keep patient warm and at rest. If symptoms persist call a physician.**Skin contact:** In case of skin contact, immediately wash with plenty of soap and water for at least 15 minutes. After skin contact, apply vitamin E or simple body milk. If symptoms persist call a physician.**Eye contact:** Rinse immediately with plenty of water, also under eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention if irritation develops and persists.**Ingestion** Do NOT induce vomiting. If swallowed seek medical advice immediately and show this container or label.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special fire fighting procedures : Avoid breathing fire vapours

Protective measures in fire : Use protective equipment appropriate for surrounding materials.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	:	Refer to protective measures listed in section 7 and 8
Environmental precautions	:	Do not discharge into drains, water courses or on to the ground.
Spill clean up methods	:	Collect powder using a special dust vacuum cleaner with particle filter or carefully sweep into closed container. Avoid generation and spreading of dust.

7. HANDLING AND STORAGE

Handling

Advice on safe handling	:	Avoid contact with skin, eyes and clothing. Do not eat, drink and smoke while working.
Advice on protection against fire and explosion	:	No special measures.

Storage

Further information on storage conditions	:	No special storage conditions required.
Storage with other substances	:	Store separately from feed, food and stimulants.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Refer to COSHH assessment (Control of substances Hazardous to Health (Amendment) Regulations 2004). Engineering controls should be used in preference to personal protective equipment wherever practicable. Refer to COSHH Essentials.

Component	CAS No	Exposure Limits	Basis
Talc		1 mg/m ³	

Process conditions	Provide eyewash station
Engineering measures	Provide sufficient ventilation for operations causing dust formation
Respiratory equipment	No specific recommendation made but protection against nuisance dust must be used when the general level exceeds 10mg/m ³ .
Hand protection	Use suitable protective gloves if risk of skin contact.
Eye protection	Wear dust resistant safety goggles where there is danger of eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	:	Powder, dust.
Colour	:	Grey.
Solubility	:	Insoluble in water.

10. STABILITY AND REACTIVITY

Stability	:	Stable under normal conditions and recommended use.
Conditions to avoid	:	Avoid contact with water.
Hazardous decomposition	:	Extremes of temperature and direct sunlight. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

General Information	:	This product as low toxicity. Only large volumes may have adverse impact on human health.
Inhalation	:	High concentration of dust may irritate throat and respiratory system and cause coughing.
Ingestion	:	No harmful effects expected in amounts likely to be ingested by accident.
Skin contact	:	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	:	Dust in the eyes may cause irritation.

12. ECOLOGICAL INFORMATION

Ecotoxicity	:	The product contains substance which is very toxic to aquatic organisms and may cause long term adverse effects in the aquatic environment.
Acute fish toxicity	:	Very toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Disposal methods	:	This material and its container must be disposed of in a safe way.
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14. TRANSPORT INFORMATION

UK Road class	:	9
Proper shipping name	:	Environmentally Hazardous Substance, Solid, N.O.S (Permethrin).
UN No. Road	:	3077
ADR class no	:	9
ADR pack group	:	III
Hazard No. (ADR)	:	90
RID class no.	:	9
UN No. Sea	:	3077
IMDG pack group	:	III
UN No. Air	:	3077
UK Road pack GR.	:	III
ADR class	:	Class 9: Miscellaneous Dangerous substances and articles
Tunnel restriction code (E)	:	III
ADR label No.	:	9
Rid pack group	:	III
IMDG class	:	9
EMS	:	F-A. S-F
Air class	:	9

Air pack GR

III

15. REGULATORY INFORMATION

LABELING**Hazard Symbol(s)**

Contains	Permethrin.
Risk Phrases	R50/53 Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
Safety Phrases	<p>S22 Do not breathe dust.</p> <p>S24 Avoid contact with skin.</p> <p>S29 Do not empty into drains.</p> <p>S35 This material and its container must be disposed of in a safe way.</p> <p>P14 Contains PERMETHRIN. May produce an allergic reaction.</p>

16. OTHER INFORMATION

Risk phrases in full

R20/22	Harmful by inhalation and if swallowed
R43	May cause sensitization by skin contact
NC	Not classified
R50/53	Very toxic to aquatic organisms, may cause long-term effects in the aquatic environment.

Use only in accordance with label instructions.

The information contained in this data sheet does not constitute the user's own assessment of workplace risks as required by legislation.

The information in this data sheet should be considered when undertaking a risk assessment under the COSHH regulations.

The information contained within this data sheet is strictly for general guidance only and should not be relied upon over and above this. This data sheet is intended to provide general health and safety guidance on the storage and transportation of the preparation. The information in this data sheet is accurate at the date of publication and will be updated as and when appropriate. No liability will be accepted by Westland Horticulture Ltd for any loss, injury or damage arising from any failure to comply with the information and advice contained within this data sheet and/or failure to comply with the manufacturer's guidelines, product label data and any associated technical usage literature.