



SAFETY DATA SHEET

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

Product: Eraza Ant Killer Powder

Usage: Ant control

Manufacturer : Westland Horticulture Ltd
14 Granville Industrial Estate
Granville Road
Dungannon
County Tyrone
BT70 1NJ

Email: www.gardenhealth.com

Emergency Tel: 08700 663566 (UK)

2. HAZARDS IDENTIFICATION

Classification of the Substance According to EU Directives 67/548/EEC and 199/45/EC

Classification: N

Label Elements:

Hazard Symbol: Dangerous for the environment



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

Risk advice to the man and the environment

3. COMPOSITION/INFORMATION ON INGREDIENTS

Description: Insecticide powder containing < 1% (w/w) Permethrin

Hazardous Ingredients

This product contains ingredients, substances, mixtures, impurities or stabilizing additives required to be declared under Article 18(2) of Regulation (EC) No 1272/2008. EEC Annex I of Directive 67/548/EEC contains a list of harmonised classifications and labelling for substances or groups of substances and the following Risk Phrases/Safety phrases (where applicable) are relevant to anyone using or handling this product:



CAS Number	Active Ingredient	Concentration	Directive 67/548/EEC	
			Warning Symbols	'R' Phrase(s)
052645-53-1	Permethrin	< 1 % W/W	 Xn N	R20/22 R43 R50/53

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

4. FIRST AID MEASURES

General Advice: Have the product container, label or Material Safety Data Sheet with you when calling a poison control center or physician, or going for treatment.

Inhalation: Move person to fresh air.
Keep person warm and at rest.
Get medical attention if symptoms persist.

Skin Contact: Wash skin thoroughly with plenty of soap and water
Get medical attention if irritation develops and persists

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Remove contact lenses, if present, after the first 5 minutes, continue rinsing the eye.
Get medical attention if irritation develops and persists.

Ingestion: Do NOT Induce vomiting.
Get medical attention if symptoms persist

Treatment (Medical Advice):
Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:
Use water spray, fog, mist, dry chemicals, sand, dolomite or carbon dioxide (CO₂).

Specific Hazards Arising From the Substance or Mixture:
The product is non combustible
Exposure to decomposition products may be a hazard to health

Special Protective Equipment for Fire Fighters:
In event of fire and/or explosion do not breathe fumes.
Wear full protective clothing and self-contained breathing apparatus.

Further Information:
Do not allow run-off from fire fighting to enter drains or water courses.



6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid inhalation of dust.

When dealing with spillage wear appropriate PPE (see section 8)

When dealing with spillage do not eat, drink or smoke.

Environmental Precautions:

Do not allow to get into water courses, drains or onto the ground.

Methods and Materials for Containment and Cleaning Up:

Collect powder using special duct vacuum cleaner with particulate filter or carefully sweep into closed container.

Avoid generation and spreading of dust

Additional Advice: If the product contaminates rivers and lakes or drains inform respective authorities.

7. HANDLING AND STORAGE

Handling:

- No special protective measures against fire required.
- Avoid handling which leads to dust formation
- When using do not eat, drink or smoke
- Persons susceptible to allergic reactions should not handle this product

Storage:

- Keep containers closed tightly in a dry, cool and well-ventilated place.
- Keep out of reach of children
- Keep away from food, drink, animal feeding stuffs, fertilizers and other sensitive materials

Specific End Uses:

Use only as ant and flying insect killer according to the instruction on the label

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Component(s)	Exposure Limit(s)	Type of exposure limit	Source
Talc	1 mg/m ³	8 h TWA	



Exposure Controls

Engineering Measures: Containment and/or segregation is the most reliable technical protection measure if exposure cannot be eliminated.
The extent of these protection measures depends on the actual risks in use.
If airborne dust is generated, use local exhaust ventilation controls.
Assess exposure and use any additional measures to keep airborne levels below any relevant exposure limit.
Provide sufficient ventilation for operations causing dust formation
Where necessary, seek additional occupational hygiene advice.

Protective Measures: The use of technical measures should always have priority over the use of personal protective equipment
When selecting personal protective equipment, seek appropriate professional advice
Personal protective equipment should be certified to appropriate standards

Respiratory Protection: Protection against nuisance dust must be used when the general level exceeds $10\text{mg}/\text{m}^3$.
A particulate filter respirator may be necessary until effective technical measures are installed

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
Provide eyewash station

Skin and Body Protection: No special protective equipment required
Select skin and body protection based on the physical job requirements

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White/grey fine powder
Odour: Odourless
Solubility: Insoluble in water

10. STABILITY AND REACTIVITY

Hazardous Decomposition: This product is stable under normal temperature conditions and recommended use

Hazardous Reactions: None known. Hazardous polymerization does not occur.

Conditions to Avoid: Avoid contact with water



11. TOXICOLOGICAL INFORMATION

This product has low toxicity. Only large volumes may have adverse impact on human health

Acute Oral Toxicity:	No harmful effects expected in amounts likely to be ingested by accident
Acute Inhalation Toxicity:	High dust concentrations may irritate throat and respiratory system and cause coughing
Skin Irritation:	Prolonged contact may cause redness, irritation and dry skin
Eye Irritation:	Dust in eyes will cause irritation

12. ECOLOGICAL INFORMATION

The product contains Permethrin which is very toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment

Persistence and Degradability

- **Mobility in Soil:** Permethrin has low mobility in soil
- **Bioaccumulative Potential:** Permethrin has high potential to bioaccumulate

Toxicity

- **Toxicity To Fish:** Permethrin: LC50 *Oncorhynchus mykiss* (rainbow trout), 2.5 µg/l, 96h
- **Toxicity To Aquatic Invertebrates:** Permethrin: LC50 *Daphnia magna* (water flea), 0.6 µg/l 48h
- **Terrestrial toxicity:** Permethrin: Contact LD50 bee, 0.029 µg/bee

13. DISPOSAL CONSIDERATIONS

Product:	Do not contaminate ponds, waterways or ditches with chemical or used container. Do not dispose of waste into sewer. Where possible, recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations.
Contaminated Packaging:	Empty remaining contents. Completely empty containers can be put in the bin or disposed of in compliance with applicable local regulations.



14. TRANSPORT INFORMATION

Land Transport (ADR /RID) UN Number: 3077
Class: 9
Packaging Group: III
Hazard No: 90
Label No: 9
Tunnel Restriction: E
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
SOLID, N.O.S. (PERMETHRIN)

Sea Transport (IMDG) UN Number: 3077
Class: 9
Packaging Group: III
EmS: F-A, S-F
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
SOLID, N.O.S. (PERMETHRIN)

Air Transport (IATA-DGR) UN Number: 3077
Class: 9
Packaging Group: III
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
SOLID, N.O.S. (PERMETHRIN)

15. REGULATORY INFORMATION

Registration Numbers: HSE 9200
PCS 96170

Labelling According to EU Directives 67/548/EEC and 1999/45/EC

Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and taken into account the intended product use

Symbol: N Dangerous for the environment

Contains Permethrin

R-Phrases

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

S- Phrases

S2 Keep out of the reach of children

S35 This material and its container must be disposed of in a safe way



16. OTHER INFORMATION

Recommended uses and restrictions: Follow the instructions

Full text of R Phrases referred to under Section 3:

R20/22 Harmful by inhalation and if swallowed
R43 May cause sensitisation by skin contact
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Abbreviations and Acronyms

CAS No	Chemicals Abstract Service Registry Number
HSE	Health and Safety Executive
PCS	Pesticide Control Service
Regulation (EC) No 1272/2008	Classification, Labelling and packaging
Directive 67/548/EEC	Dangerous Substances Directive
Directive 91/689/EEC	Directive on Hazardous Waste
IMDG Code	International Maritime Dangerous Goods Code
ADR	International carriage of dangerous Goods by Road

Further information

Before using this product, ensure that you read and understand its label

The information in this Safety Data Sheet has been prepared in accordance with the applicable European Directives. The information is believed to be correct at the time of going to press. Always read the label and product information before use. For further information please contact Westland Horticulture Ltd, 14 Granville Industrial Estate, Granville Road, Dungannon, County Tyrone, BT70 1NJ.