



SAFETY DATA SHEET

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

Product: Eraza Ant Killer RTU

Usage: Insecticide RTU

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 or Mixture

Classification according to 1272/2008/EC

Classification: Aquatic Acute 1, H400
Aquatic Chronic 1, H410

Classification according to 199/45/EC

Classification: N, R50/53

Label Elements:

Hazard Symbol: Dangerous for the environment



Signal Word: Warning

Hazard Statements: H400: Very toxic to aquatic life
H410: Very toxic to aquatic life with long lasting effects

Precautionary Statements: P273: Avoid release to the environment
P391: Collect spillage
P501: Dispose of contents/container in accordance with all local, regional, national and international regulations



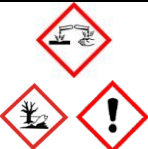
Risk Phrases: R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

3. COMPOSITION/INFORMATION ON INGREDIENTS

Description: Biocide (Type 18) Ready to Use insecticide containing 0.1% w/w Cypermethrin

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 or Directive 67/548/EEC:

CAS Number	Active Ingredient	Concentration	Directive 67/548/EEC	
			Warning Symbols	'R' Phrase(s)
53215-07-8	Cypermethrin	0.1 % W/W	 Xn N	R20/22, R37 R50/53
27167-87-0	Dodecyl Benzene Sulphonic Acid	<1.0 % W/W	 C Xn	R34 R22
68424-85-1	Alkyl Dimethyl Benzyl Ammonium Chloride	<1.0 % W/W	 C Xn N	R34 R21/22 R50

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

4. FIRST AID MEASURES

General Advice: Remove all contaminated clothing immediately and launder or dispose of safely.

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

Skin Contact: Wash with plenty of soap and water for at least 10 minutes.
Remove contaminated clothing and shoes. Wash clothing before reuse
If symptoms persist get medical attention.

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: Rinse mouth out and give water in small sips to drink if person is conscious.
Do NOT Induce vomiting.
If swallowed seek medical advice and show this container or label.

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, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media:

High volume water jet.

Specific Hazards Arising From the Substance Or Mixture:

As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion

Exposure to decomposition products may be a hazard to health

Heated containers may increase in pressure and may burst

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:

Remove containers from areas of fire or cool to prevent pressure build up.

Whenever possible, contain fire-fighting water by diking area with sand or earth

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

Cool closed containers exposed to fire with water spray.

This material is toxic to aquatic organisms

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Keep people away from and upwind of spill/leak.

Avoid contact with spilled product or contaminated surfaces.

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

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

Avoid breathing vapour or mist

Environmental Precautions:

Do not allow to get into surface water, drains, ground water or soil

Toxic to aquatic organisms

Methods and Materials for Containment and Cleaning Up:

Stop leak, contain spillage, then collect with non-combustible absorbent material (eg sand, silica, binders).

Keep in suitable closed containers for disposal according to local / national regulations (see section 13).

Clean floor with plenty of water and mop

Additional Advice:

If spillage enters drains leading to sewage works inform local water company immediately.

If spillage enters rivers or water courses, inform the Environment Agency (emergency number 0800 807060).



7. HANDLING AND STORAGE

Handling: No specific precautions required when handling unopened packs/containers. Follow relevant manual handling advice.
Appropriate PPE should be worn when necessary.
Do not eat, drink or smoke when handling.
Do not breathe vapour or spray mist.
Avoid release into the environment.
Empty containers may contain hazardous product residues.

Storage: Keep out of reach of children.
Store only in original container, in a dry, cool and well ventilated place.
Keep away from direct sunlight.
Keep away from food and drink and animal feedstuffs.
Protect from frost. Store between 5-40°C

Specific End Uses:
Use only as ant killer according to the instruction on the label

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.

Exposure Limit Values Not available

Monitoring: If product contains component(s) with exposure limits, personal, workplace, atmospheric or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use protective respiratory equipment. Reference should be made to European standard EN689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

Occupational Exposure:
If user operations generate dust, fumes, gas, vapour or mist use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended statutory limits.

Hygiene Measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, drinking, smoking and using the lavatory at the end of a working period.
Appropriate techniques should be used to remove potentially contaminated clothing.
Wash contaminated clothing before reusing.



Respiratory Protection:

This product should not require respiratory protection if used in accordance with label. Respiratory protection should only be used to control residual risk of short duration activities, when all reasonably practicable steps have been taken to reduce exposure at source

Hand Protection:

This product should not require hand protection if used in accordance with the label.

For emergency or other use:

Chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling the product if a risk assessment indicates this is necessary. Dispose of when contaminated inside or when perforated. Hands should be washed even after wearing gloves before eating, drinking, smoking or using the lavatory. Recommended : Butyl rubber / nitrile gloves.

Eye Protection:

This product should not require eye protection if used in accordance with the label.

For emergency or other use:

Safety eyewear complying with an approved standard should be worn at all times when handling the product if a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Recommended : Safety glasses with side shields.

Skin Protection:

This product should not require skin protection if used in accordance with the label.

For emergency or other use:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Recommended : Wear protective clothing.

Environmental Exposure:

Steps should be taken to ensure that this product is not released accidentally into the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear straw coloured liquid

Odour: Characteristic

Other Properties:

	Value	Temperature	Method
pH	3 – 4.5		
Density	1.005 g/ml	20°C	
Flash Point	> 100°C		
Water Solubility	Completely soluble		



10. STABILITY AND REACTIVITY

Stability:	This product is stable.
Materials to Avoid:	No specific data.
Conditions to Avoid:	Extremes of temperature and direct sunlight. Avoid release to the environment
Hazardous Decomposition:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Potential Acute Health Effects:	None expected potential acute health effects by inhalation, ingestion, skin contact or eye contact
Acute Oral Toxicity:	LD50 Median lethal dose rat, >2000 mg/Kg *
Acute Inhalation Toxicity:	LC50 Median lethal concentration rat, No data
Acute Dermal Toxicity:	LD50 Median lethal dose rat, >2000 mg/kg *
Skin Irritation:	This product is not expected to be irritating to the skin *
Eye Irritation:	This product is not expected to be irritating to the eyes *
Sensitization:	This product is not expected to be sensitizing*
Long Term Toxicity:	None of the components in this product are known to be: toxic in repeat doses, mutagenic, carcinogenic, toxic to reproduction or toxic to development
Other:	Cutaneous sensitizations (parasthesia) may occur, such as burning or stinging on the face and mucosa. However, these sensitizations cause no lesions and are of a transitory nature (max. 24 hours).

*- This product has not been tested. This data is has been calculated.



12. ECOLOGICAL INFORMATION

This product has not been tested and the data is based on Cypermethrin. However, this product is classified as toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Toxicity

- **Toxicity to Fish:** EC50, fish, 0.0028 mg/l, 96 hours
- **Toxicity to Daphnia:** EC50, Daphnia Magna, 0.0003 mg/l, 48 hours
- **Toxicity to Algae:** EC50, Algae, >0.1 mg/l, 72 hours

Persistence and Degradability

- **Bioaccumulation:** Log P_{ow} 5.3-5.6 ; BCF 1204 mg/l

13. DISPOSAL CONSIDERATIONS

Product: Do not contaminate ponds, waterways or ditches with chemical or used container. Do not dispose of waste into sewer. The generation of all waste should be avoided or minimised wherever possible. Recycling should also be considered before the disposal of any waste. 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.

Unused Product EWC code: 02 01 08 Agrochemical waste containing dangerous substances



14. TRANSPORT INFORMATION

Land Transport (ADR /RID) UN Number: 3082
Class: 9
Packaging Group: III
Hazard No: 90
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (Contains Cypermethrin)

Sea Transport (IMDG) UN Number: 3082
Class: 9
Packaging Group: III
EmS: F-A, S-F

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (Contains Cypermethrin)

Marine Pollutant

Air Transport (IATA-DGR) UN Number: 3082
Class: 9
Packaging Group: III
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (Contains Cypermethrin)

15. REGULATORY INFORMATION

Registration Numbers: HSE 9787
PCS 97717

Safety, health and environmental regulation/legislation specific for the substance or mixture

EU Regulation (EC) No 1907/2006 REACH

None of the components of this mixture are listed as a substance of very high concern

Chemical Safety Assessment: Not required for this mixture



16. OTHER INFORMATION

Recommended uses and restrictions: Follow the instructions

Full text of R Phrases and H Statements referred to under Section 3:

R20/22	Harmful by inhalation and if swallowed
R21/22	Harmful in contact with skin and if swallowed
R34	Causes burns
R37	Irritating to respiratory system
R50	Very toxic to aquatic organisms
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
H302	Harmful if swallowed
H312	Harmful if in contact with skin
H314	Causes severe skin burns and eye damage
H332	Harmful if inhaled
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life, with long lasting effects

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.