



## SAFETY DATA SHEET

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

<b>Product</b>	<b>Eraza Ant Killer RTU</b>
<b>Usage</b>	Home and garden insecticide
<b>Manufacturer</b>	Westland Horticulture Ltd 14 Granville Industrial Estate Granville Road Dungannon County Tyrone BT70 1NJ
<b>Email</b>	<a href="mailto:customerservice@WestlandHorticulture.com">customerservice@WestlandHorticulture.com</a>
<b>Emergency Tel</b>	01480 443789 (UK)

### 2. HAZARDS IDENTIFICATION


#### Classification of the Substance or Mixture According to Regulation (EC) No 1272/2008:

Aquatic Acute 1	H400	Very toxic to aquatic life
Aquatic Chr 1	H410	Very toxic to aquatic life with long lasting effects

#### Classification of the Substance or Mixture According to Directive 67/548/EEC or Directive 1999/45/EC:

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

#### Label Elements According to Regulation (EC) No 1272/2008:

Hazard Pictograms	GHS09 – Environmentally damaging	
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 to an approved waste disposal plant




#### Supplemental Information

EUH401	To avoid risks to human health and the environment, comply with the instructions for use.
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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Description** Ready to Use insecticide containing 0.1% w/w Cypermethrin

#### Hazardous Ingredients

Ingredient	Identifiers	Concentration %W/W	Warning Symbols	Directive 67/548/EEC	Regulation (EC) No 1272/2008 (CLP)
Cypermethrin	CAS: 53215-07-8	0.1 %		Xn; R20/22, R37 N; R50/53	Acute Tox. 4; H302, H332 STOT SE 3; H335 Aquatic Acute 1; H400 Aquatic Chronic 1; H410
Dodecyl Benzene Sulphonic Acid	CAS: 27167-87-0	< 1.0 %		C; R34	Acute Tox. 4; H302 Eye Dam. 1; H314
Alkyl Dimethyl Benzyl Ammonium Chloride	CAS: 68424-85-1	< 1.0 %		C; R34 Xn; R21/22 N; R50	Acute Tox. 4; H302, H312 Skin Corr. 1B; H314 Aquatic Acute 1; H400

For the full text of the H Statements and 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 doctor, or going for treatment

**Inhalation:** Move person to fresh air  
If breathing is irregular or stopped, administer artificial respiration  
Keep patient warm and at rest  
Get medical attention if adverse health effects persist or are severe

**Skin Contact:** Wash contaminated skin with plenty of soap and water  
Remove contaminated clothing and shoes  
Continue to rinse for at least 10 minutes  
If skin irritation persists avoid further exposure and get medical attention  
Wash contaminated clothing before re-use

**Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes  
Remove contact lenses and continue flushing  
Get medical attention if irritation occurs



**Ingestion:** Wash out mouth with water  
Do NOT induce vomiting unless directed to do so by medical personnel  
Give small quantities of water to drink if exposed person is conscious  
Get medical attention

**Most Important symptoms and effects, both acute and delayed:**  
Acute health effects not expected  
Cutaneous sensations (parasthesias) may occur, such as burning or stinging on the face and mucosa. However, these sensations cause no lesions and are of a transitory nature

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:**  
Extinguishing media: Use water spray, alcohol-resistant foam dry chemical or carbon dioxide

**Extinguishing Media Which Must Not Be Used For Safety Reasons:**  
Do not use a solid water stream as it may scatter and spread fire.

**Specific Hazards Arising From the Substance or Mixture:**  
As the product contains organic components, fire will produce dense black smoke containing hazardous products of combustion (see section 10).  
Exposure to decomposition products may be a hazard to health  
In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours

**Special Protective Equipment for Fire Fighters:**  
Wear full protective clothing and self-contained breathing apparatus.

**Further Information:**  
This material is very toxic to aquatic organisms  
Do not allow run-off from fire fighting to enter drains or water courses.  
Cool closed containers exposed to fire with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:**  
No action shall be taken involving any personal risk or without suitable training  
Keep unnecessary and unprotected personnel from entering  
Do not touch or walk through spilt material  
Refer to protective measures listed in sections 7 and 8

**Methods and Materials for Containment and Cleaning Up:**  
Contain spillage, and then collect with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations  
Dilute with water and mop up afterwards or in case of small spillage



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**Environmental Precautions:**

Prevent further leakage or spillage if safe to do so.  
Do not flush into surface water or sanitary sewer system.

**Additional Advice:** If the product contaminates rivers, lakes, soil or drains inform respective authorities.

## 7. HANDLING AND STORAGE

**Handling:**

- Avoid contact with skin, eyes and clothing
- When using do not eat, drink or smoke
- Wash hands thoroughly after work
- Do not breathe vapour or mist

**Storage:**

- Keep containers closed tightly in a dry, cool and well-ventilated place.
- Keep out of the reach of children
- Keep away from food, drink and animal feed stuffs
- Store in original container protected from direct sunlight
- Store between 5-40°C

**Specific End Uses:**

Use only as an insecticide

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control Parameters:** Exposure Limit Values not available

**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 mists or vapors are generated, use local exhaust ventilation controls.  
Assess exposure and use any additional measures to keep airborne levels below any relevant exposure limit.  
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:** No personal respiratory protective equipment normally required.  
A particulate filter respirator may be necessary until effective technical measures are installed.



**Hand Protection:** Chemical resistant, impervious gloves should be used if a risk assessment indicates it is necessary  
Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough  
Suitable material: PVC, Nitrile rubber

**Eye Protection:** Safety glasses/goggles should be used if a risk assessment indicates it is necessary to avoid splashes, mists or gases  
Follow any site specific eye protection policies

**Skin and Body Protection:** Assess the exposure and select chemical resistant clothing based on the potential for contact and permeation/penetration characteristics of the clothing material

**Hygiene Measures:** Wash with soap and water after removing protective clothing  
Decontaminate clothing before re-use, or use disposable equipment (suits, aprons, sleeves, boots, etc)  
Ensure that eyewash stations and safety showers are close to the workstation

**Environmental Exposure Controls:** Steps should be taken to ensure that this product is not released accidentally into the environment

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear colourless liquid  
**Odour:** Characteristic

### Other Properties:

	Value	Temperature
pH	4.0 – 4.5	
Density	1.005 g/ml	20°C
Flash point	>100°C	
Water Solubility	Completely soluble	

## 10. STABILITY AND REACTIVITY

**Hazardous Decomposition:** Product stable under normal conditions of use and storage  
Combustion or thermal decomposition will evolve toxic and irritant vapours

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

**Conditions To Avoid:** Extremes of temperature and direct sunlight  
Avoid release to the environment



## 11. TOXICOLOGICAL INFORMATION

The toxicological data has been calculated, this product has not been tested

**Potential Acute Health Effects:** None expected

**Acute Oral Toxicity:** LD50 Median lethal dose rat, >2,000 mg/kg

**Acute Inhalation Toxicity:** LC50 Median lethal concentration, No data available

**Acute Dermal Toxicity:** LD50 Median lethal dose rat, >2,000 mg/kg

**Skin Irritation:** Not expected to be irritating to the skin

**Serious Eye Irritation:** Not expected to be irritating to the eyes

**Respiratory or Skin Sensitization:** Not expected to be sensitising

**Long Term Toxicity:** None of the components in this product are known to be mutagenic, carcinogenic or toxic to reproduction and development

**STOT- repeated exposure:** None of the components in this product are known to be toxic in repeat doses

## 12. ECOLOGICAL INFORMATION

This product has not been tested. Toxicity data based on Cypermethrin

### Toxicity

- **Toxicity To Fish:** Cypermethrin: LC50 Median lethal concentration, 0.0028 mg/l, 96h
- **Toxicity To Aquatic Invertebrates:** Cypermethrin: EC50 Median lethal concentration Daphnia, 0.0003 mg/l, 48h
- **Toxicity To Aquatic Plants:** Cypermethrin: EC50 Median lethal concentration algae, >0.1 mg/l, 72h

### Persistence and Degradability

- **Biodegradability:** Cypermethrin is not readily biodegradable

**Mobility in Soil:** No data available

**Bioaccumulative Potential:** Cypermethrin: Log Pow 5.3-5.6, BCF 1204 mg/l

**Results of PBT and vPvB assessment:** No data available



### 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.  
Triple rinse containers. The rinse water should be added to the final spray solution. It must not be put down the drain, sink or toilet  
Completely empty containers can be put in the bin or disposed of in compliance with applicable local regulations.  
Do not reuse empty containers.

### 14. TRANSPORT INFORMATION

#### Land Transport (ADR /RID)

UN Number: UN 3082  
UN Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CYPERMETHRIN)  
Transport hazard class: 9  
Packing group: III  
Hazard No 90  
Environmental hazards: Environmentally hazardous

#### Sea Transport (IMDG)

UN Number: UN 3082  
UN Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CYPERMETHRIN)  
Transport hazard class: 9  
Packing group: III  
EmS: F-A, S-F  
Environmental hazards: Marine pollutant

#### Air Transport (IATA-DGR)

UN Number: UN 3082  
UN Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CYPERMETHRIN)  
Transport hazard class: 9  
Packing group: III

**Special precautions for user:** None



## 15. REGULATORY INFORMATION

**Registration Numbers:** HSE 9787  
PCS 97717

### **Safety, health and environmental regulations/legislation specific for the substance of mixture:**

This mixture is classified and labelled according to the CLP Regulation (EC) No 1272/2008

**Contains:** Cypermethrin

**Chemical Safety Assessment:** A Chemical Safety Assessment is not required for this mixture

## 16. OTHER INFORMATION

**Recommended uses and restrictions:** Follow the instructions

### **Full texts of abbreviated H Statements referred to under Section 3:**

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

### **Full text of R Phrases 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  
R41 Risk of serious damage to eyes  
R50 Very toxic to aquatic organisms  
R50/53 Very toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment





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## Full text of Classifications

- **CLP/GHS:** Acute Tox 4; Acute Toxicity, Category 4  
Aquatic Acute 1; Aquatic Acute Toxicity, Category 1  
Aquatic Chr 1; Aquatic Chronic Toxicity, Category 1  
Eye Dam 1; Eye Damage, Category 1  
Skin Corr. 1B; Skin Corrosion, Category 1B  
STOT SE 3; Specific Target Organ Toxicity – Single Exposure, Category 3
- **DSD/DPD:** C; Corrosive  
N; Dangerous for the environment  
Xn; Harmful

## Abbreviations and Acronyms

ADR	International Carriage of Dangerous Goods by Road
CAS No	Chemicals Abstract Service Registry Number
Directive 67/548/EEC	Dangerous Substances Directive (DSD)
EC No	European Community Number for chemicals within EU regulations
IATA-DGR	Dangerous Goods Regulations by the International Air Transport Association
IMDG Code	International Maritime Dangerous Goods Code
PCS	Pesticide Control Service
PBT	Persistent, Bioaccumulative and Toxic Properties
Regulation (EC) No 1272/2008	Classification, Labelling and Packaging (CLP)
RID	International Transport of Dangerous Goods by Rail
vPvB	Very Persistent and Very Bioaccumulative Properties

## Further information

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

### MSDS information:

This Safety Data Sheet is prepared in compliance with Directive 1999/45/EC, 1272/2008 and Annex I of the REACH regulation 453/2010.

This safety data sheet provides health and safety information. This product is to be used in applications with best use practice. 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 as at the date of publication. Westland Horticulture Limited does not accept responsibility for damage caused by incorrect use of this information.

### Training and related advice:

This document contains important information to ensure the safe storage, handling and use of this product. It is the responsibility of your organisation to ensure that the information contained in this document is communicated to the end user and that all necessary training to enable the product to be used correctly has been given.

For further information please contact Westland Horticulture Ltd, 14 Granville Industrial Estate, Granville Road, Dungannon, County Tyrone, BT70 1NJ.