



Safety Data Sheet

According to Regulation (EC) No 1272/2008 (REACH)

Trade name: Deadfast Ant Killer Plus powder

HSE 10712

Version: 2.0

Revision date: 28.01.2021

Print date:28.01.2021

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

1.1 Product Identifier

Name Deadfast Ant Killer Plus powder

HSE 10712

1.2 Relevant Identified Uses of the Mixture

Usage Home and garden ant control

1.3 Details of the Supplier of the Safety Data Sheet

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

Email customerservice@Westland.com

1.4 Emergency Telephone number 01480 443789 (UK) 24 hrs

2. HAZARDS IDENTIFICATION

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

Aquatic Chr 2

H411 Toxic to aquatic life with long lasting effects

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

Hazard Pictograms

GHS09 – Environmentally damaging



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Signal Word None

Hazard Statements

H411 Toxic to aquatic life with long lasting effects

Precautionary Statements

P273 Avoid release to the environment
P280 Wear protective gloves
P284 In case of inadequate ventilation, wear respiratory protection
P391 Collect spillage
P501 Dispose of contents/container to an approved waste disposal plant

Supplemental Hazard Information

EUH208 Contains chrysanthemum cinerariaefolium. May produce an allergic reaction

Special rules for supplemental label elements for certain mixtures:

Additional labelling: None

2.3 Other hazards: None

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 N/A

3.2 Description Ant control powder containing chrysanthemum cinerariaefolium.



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Hazardous Ingredients

Ingredient	Identifiers	Concentration %W/W	Warning Symbols	Regulation (EC) No 1272/2008 (CLP)
Talc	CAS: 14807-96-6 EN: 238-877-9	60-100%	Not classified	Substance with Workplace Exposure Limit
Piperonyl Butoxide	CAS: 51-03-6 EN: 200-076-7	1-5%		H410, H400
Sipernat 50 S	CAS: 112926-00-8 EN: 231-545-4	1-5%	Not classified	N/A
Chrysanthemum cinerariaefolium extract in Petroleum distillates	CAS: 121-21-1 EN: XXXX	<1%		Acute Tox. 4 - H302 Acute Tox. 4 - H332 Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410
Butylated Hydroxy Toluene (Lonol CP)	CAS: 128-37-0 EN: 204-881-4	<1%		Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

Additional information:

For the full text of the H Statements mentioned in this section, see section 16.

4. FIRST AID MEASURES

4.1 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. Remove any clothing soiled by the product



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Inhalation: Move person to fresh air
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
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.
Seek medical attention if symptoms persist or develop

Ingestion: Wash out mouth with water
Do NOT induce vomiting unless directed to do so by medical personnel

Self-protection of the first aider: Always wear protective gloves

4.2 Most Important symptoms and effects, both acute and delayed: Additional information not available

4.3 Indication of any immediate medical attention and special treatment needed: None

5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media:

The product is not flammable
Extinguish with alcohol-resistant foam, dry powder, water fog or carbon dioxide. Use fire-extinguishing media suitable for the surrounding fire.

Do not use water jet as an extinguisher as this will spread the fire

5.2 Specific Hazards Arising From the Substance or Mixture: None known



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Hazardous combustion products: Thermal decomposition or combustion products may include harmful gases or vapours.

5.3 Advice for Fire Fighters:

Wear full protective clothing and self-contained breathing apparatus.

Further Information:

This material is 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

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

For non-emergency personnel: Keep non-emergency personnel away from the area

Avoid inhalation of dust.
When dealing with spillage wear appropriate PPE (see section 8)
When dealing with spillage do not eat, drink or smoke.

6.2 Environmental Precautions:

Do not allow to enter drainage system, surface or ground water.

6.3 Methods and Materials for Containment and Cleaning Up:

Collect powder using special dust vacuum cleaner with particulate filter or carefully sweep into closed container and seal securely. Flush contaminated area with plenty of water.
Wash thoroughly after dealing with a spillage.
Avoid generation and spreading of dust
For waste disposal see Section 13

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



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7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Protective measures

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

7.2 Conditions for safe storage, including any incompatibilities

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

7.3 Specific End Uses:

Use only as an insecticide according to the instruction on the label

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits at intended use:

8.1 Control Parameters:

8.1.1 Occupational exposure limits:

Limit value type (country of origin)	Substance name	EC-No.	CAS-No.	Occupational exposure limit value		Monitoring And observation processes	Peak limitation	Source
				Long term	Short term			
OEL (EU)	Talc	14807	238-	4mg/	No	No data	10mg/m ³	No data



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		-96-6	877-9	m ³	data			
OEL (EU)	Sipernat 50 S	CAS: 112926 -00-8	EN: 231- 545-4	3mg/ m ³	No data	No data	6mg/m ³	No data

8.1.2 Biological limit values: N/A

8.1.3 Exposure limits at intended use:

8.1.4 DNEL/PNEC-values: N/A

8.1.5 Risk management measures according to used control banding approach
N/A

8.2 Exposure controls When selecting personal protective equipment, seek appropriate professional advice. Personal protective equipment should be certified to appropriate standards

8.2.1 Appropriate 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.

8.2.2 Personal protective equipment:

Eye / Face protection: Wear eye protection when a risk assessment indicates this is necessary to avoid exposure to dust. Safety glasses complying with EN166 as a minimum

Skin protection: Wear suitable gloves when handling the product over long periods or if a risk assessment indicates this is necessary. Gloves complying with EN420 are recommended.



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Respiratory protection: Protection against nuisance dust must be used when the general level exceeds 10mg/m³. A particulate filter respirator may be necessary until effective technical measures are installed

Thermal hazards: None

8.2.3 Environmental exposure controls: Steps should be taken to ensure that this product is not released accidentally into the environment

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: White/grey fine powder

Physical state: Powder

Colour: White/grey

Odour: slight

Odour threshold: N/A

Solubility: slightly soluble in water

9.2 Other information

	Value	Concentration	Method	Temperature	Pressure	Remark
pH	-	-	-	-	-	-
Melting point/freezing point	-	-	-	-	-	-
Initial boiling point/boiling range	-	-	-	-	-	-
Flash point	-	-	-	-	-	-
Evaporation rate	-	-	-	-	-	-
Flammability (solid, gas)	-	-	-	-	-	-
Upper/lower flammability or explosive limits	-	-	-	-	-	-
Upper explosive limits	-	-	-	-	-	-
Lower explosive limits	-	-	-	-	-	-



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Vapour pressure	-	-	-	-	-	-
Vapour density	-	-	-	-	-	-
Relative density	-	-	-	-	-	-
Solubility(ies)	-	-	-	-	-	-
Partition coefficient: n-octanol/water	-	-	-	-	-	-
Auto-ignition temperature	-	-	-	-	-	-
Decomposition temperature	-	-	-	-	-	-
Viscosity	-	-	-	-	-	-
Viscosity,dynamic	-	-	-	-	-	-
Viscosity, cinematic	-	-	-	-	-	-
Explosive properties	-	-	-	-	-	-
Oxidising properties	-	-	-	-	-	-

Physical hazards: None

Flammable and spray aerosols: Testing is not required for foam or spray aerosols

Flammable and oxidising solids: Testing is not required

10 STABILITY AND REACTIVITY

10.1 Reactivity: Stable under normal conditions of storage, handling and use

10.2 Chemical stability Stable under normal conditions of storage, handling and use

10.3 Possibility of hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4 Conditions to avoid: No known conditions

10.5 Incompatible materials: No specific material or group of materials likely to react with the product

10.6 Hazardous decomposition products: Heating or fire can release toxic or irritant vapours and fumes

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11 TOXICOLOGICAL INFORMATION

Toxicokinetics, metabolism and distribution

11.1 Information on toxicological effects

Pyrethrins: LD50 rat (oral) 900-2000mg/kg; LD50 Rat (dermal) >1500mg/kg

11.1.1 Substances

Acute toxicity

Practical experience / human evidence: High dust concentrations may irritate throat and respiratory system and cause coughing

Assessment / Classification: Based on the data available, no classification can be made

Skin corrosion/irritation

Practical experience / human evidence: Prolonged contact may cause redness, irritation and dry skin

Assessment / Classification: May cause skin irritation

Eye damage/irritation

Practical experience / human evidence: Dust in eyes will cause irritation

Assessment / Classification: Based on available data, the classification criteria are not met.

Sensitisation to the respiratory tract/skin

Sensitisation to the respiratory tract

Practical experience / human evidence: No data

Other information:

Assessment / Classification: Based on available data, the classification criteria are not met.

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Skin sensitisation

Practical experience / human evidence: None

Assessment / Classification: Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Assessment / Classification: Based on available data, the classification criteria are not met.

12 ECOLOGICAL INFORMATION

The product contains *Chrysanthemum cinerariaefolium* which is toxic to fish and aquatic organisms. It may cause long term adverse effects in the aquatic environment

12.1 Toxicity : Toxic to aquatic life with long lasting effects

Aquatic toxicity: Aquatic chronic 2 -H411 Toxic to aquatic life with long lasting effects

12.2 Persistence and degradability

Biodegradation: the degradability of the product is not known

Assessment / Classification: Based on available data, the classification criteria are not met.

12.3 Bioaccumulative potential: No data

Assessment / Classification: No data

12.4 Mobility in soil No data available

12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.



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12.6 Other adverse effects: No data

Additional ecotoxicological information: None

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product / Packaging disposal

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.
Do not reuse empty containers.

14 TRANSPORT INFORMATION

	Land transport (ADR/RID)	Inland waterway transport (ADN)	Sea transport (IMDG)	Air transport (ICAO- TI / IATA-DGR)
14.1 UN No.	UN 3077	UN 3077	UN 3077	UN 3077
14.2 UN Proper shipping name	Environmentally hazardous substance, solid N.O.S (contains PYRETHRINS including Cinerins, Piperonyl Butoxide and Butylated Hydroxyl toluene)	Environmentally hazardous substance, solid N.O.S (contains PYRETHRINS including Cinerins, Piperonyl Butoxide and Butylated Hydroxyl toluene)	Environmentally hazardous substance, solid N.O.S (contains PYRETHRINS including Cinerins, Piperonyl Butoxide and Butylated Hydroxyl toluene)	Environmentally hazardous substance, solid N.O.S (contains PYRETHRINS including Cinerins, Piperonyl Butoxide and Butylated Hydroxyl toluene)



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14.3 Transport hazard class(es)	9	9	9	9
Hazard label(s)	90	F-A, S-F	F-A, S-F	N/A
14.4 Packing group	III	III	N/A	III
14.5 Environmental hazards				

14.6 Special precautions for user: Emergency Action Code 2Z

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code –not applicable

15 REGULATORY INFORMATION

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

15.1.1 Registration Numbers: HSE 10712

Other EU regulations:

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

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

16 OTHER INFORMATION

16.1 Indication of changes: Revised and updated.

16.2 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



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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

16.3 Key literature references and sources for data: Unknown

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]:
See SECTION 2.1 (classification).

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

H302	Harmful if swallowed
H317	May cause an allergic skin reaction
H332	Harmful if inhaled
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

16.6 Training Advice: Before using this product, ensure that you read and understand its label

6.7 Further information

This Safety Data Sheet is prepared in compliance with Regulation 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.