



Safety Data Sheet

According to Regulation (EC) No 453/2010 (REACH)

Trade name: Deadfast Wasp Nest Plus

HSE 10865

Version: 1.0

Revision date:28.02.2022

Print date:28.02.2022

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

1.1 Product Identifier

Name Deadfast Wasp Nest Plus

1.2 Relevant Identified Uses of the Mixture: Home and garden insecticide – Biocidal use

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

NPIS (National Poison Centre) -
Birmingham Unit[To be called by medical
staff or physicians]

City Hospital, Birmingham, B18
7QH, UKTel : 0844 892 011

National Poisons Information Centre (NPIC)
IrelandTel : 01 809 2166 (8am – 10pm) 7 days
a week

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According to Regulation (EC) No 453/2010 (REACH)

Trade name: Deadfast Wasp Nest Plus

HSE 10865

Version: 1.0

Revision date:28.02.2022

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2. HAZARDS IDENTIFICATION

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

Not classified as a hazardous substance or mixture.

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

Hazard Pictograms



Signal Word

Danger

Hazard statements:

H222+H229 Extremely flammable aerosol. Pressurized container: may burst if heated.

H319 Causes serious eye irritation.

H410 Very toxic to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary Statements

P101 If medical advice is needed, have product container or label at hand

P102 Keep out of reach of children

P103 Read label before use

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

P251 Do not pierce or burn, even after use.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

P501 Dispose of contents/container in accordance with applicable regulations.

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Trade name: Deadfast Wasp Nest Plus

HSE 10865

Version: 1.0

Revision date: 28.02.2022

Print date: 28.02.2022

Supplemental Information

EUH401

To avoid risks to human health and the environment, comply with the instructions for use.

Supplemental Hazard Information: none

Special rules for supplemental label elements for certain mixtures: none

Additional labelling: Contains Permethrin – may produce an allergic reaction

2.3 Other hazards: none




3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances N/A

3.2 Mixtures

Description Home and Garden insecticide

Hazardous Ingredients

Ingredient	Identifiers	Concentration %W/W	Warning Symbols	Regulation (EC) No 1272/2008 (CLP)
Piperonyl Butoxide	CAS: 51-03-6, EC: 200-076-7	1.7%		H400 Aquatic acute 1 H410 Aquatic chronic 1
Permethrin	CAS: 52645-53-1, EC: 258-067-9	0.24%	 	H317 – Skin Sens. H400 Aquatic acute 1 H410 Aquatic chronic 1 H302 Acute Tox. 4 H332 Inhal. Acute Tox. 4

Safety Data Sheet

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Trade name: Deadfast Wasp Nest Plus

HSE 10865

Version: 1.0

Revision date:28.02.2022

Print date:28.02.2022

Tetramethrin	CAS: 7696-12-0, EC: 231-711-6	0.23%		H400 Aquatic acute 1 H410 Aquatic chronic 1
Hydrocarbons	CAS: 647-42-47-8 EC: 926-141-6	<20%		H301 Asp. Tox. 1
Propan-2-ol	CAS: 67-63-0 EC:200-661-7	<10%		H225 Flam. Liq. 2 H319 Eye Irrit. 2 H336 STOT. SE 3
Propane	CAS:74-98-6 EC:200-827-9	<10%		H220 Flam. Gas 1
Acetone	CAS: 67-64-1 EC:200-662-2	<10%		H225 Flam. Liq. 1 H319 Eye Irrit. 2 H336 STOT SE 3

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

4. FIRST AID MEASURES

4.1 Description of 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 patient warm and at rest



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According to Regulation (EC) No 453/2010 (REACH)

Trade name: Deadfast Wasp Nest Plus

HSE 10865

Version: 1.0

Revision date:28.02.2022

Print date:28.02.2022

Skin Contact:

Wash off skin immediately with plenty of water and soap.
If skin irritation persists, call a physician

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:

If swallowed seek medical advice immediately and show this container or label
Do NOT induce vomiting

4.2 Most Important symptoms and effects, both acute and delayed:

None known

4.3 Indication of any immediate medical attention and special treatment needed:

No further relevant information available

5. FIRE FIGHTING MEASURES

5.1 Suitable Extinguishing Media:

Extinguishing media : Use water spray or carbon dioxide (CO2)

Extinguishing Media Which Must Not Be Used For Safety Reasons:

None known.

5.2 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

5.3 Advice for Fire Fighters:

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.

Cool closed containers exposed to fire with water spray.



Safety Data Sheet

According to Regulation (EC) No 453/2010 (REACH)

Trade name: Deadfast Wasp Nest Plus

HSE 10865

Version: 1.0

Revision date:28.02.2022

Print date:28.02.2022

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Refer to protective measures listed in sections 7 and 8

6.2 : Environmental precautions: Do not allow to enter drainage system, surface or ground water.

If the product contaminates rivers and lakes or drains, inform the respective authorities.

6.3: Methods and Materials for Containment and Cleaning Up:

Contain spillage using absorbent material, sand or organic. Wear mask and protective clothing for product recovery. Clean contaminated surface thoroughly with plenty of water. Retain and dispose of contaminated wash water.

6.4 Reference to other sections: Refer to protective measures listed in sections 7 and 8.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Protective measures

Handling:

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

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 and animal feed stuffs
- Store in original container protected from direct sunlight, open flames sparks and heat.



Safety Data Sheet

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Trade name: Deadfast Wasp Nest Plus

HSE 10865

Version: 1.0

Revision date: 28.02.2022

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7.3 Specific End Uses:

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1: Control Parameters

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

ACGIH, 200 ppm, 400 ppm - Notes: A4, BEI - Eye and URT irr, CNS impair
propane - CAS: 74-98-6

TLV TWA - 1000 ppm - 0 mg/m³

acetone; propan-2-one; propanone - CAS: 67-64-1

EU - LTE(8h): 1210 mg/m³, 500 ppm - Notes: Bold-type: Indicative
Occupational Exposure Limit Values [2,3] and Limit Values for Occupational
Exposure [4] (for references see bibliography)

ACGIH, 500 ppm, 750 ppm - Notes: (A4), BEI - (URT and eye irr, CNS
impair, hematologic eff)

DNEL Exposure Limit Value N/A

PNEC Exposure Limit Values N/A

8.2.1 Appropriate Engineering Controls: The use of technical measures should always have priority over the use of personal protective equipment. 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 vapours 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.

8.2.2 Personal protective equipment:

Protective Measures: When selecting personal protective equipment, seek appropriate professional advice. Personal protective equipment should be certified to appropriate standards



Safety Data Sheet

According to Regulation (EC) No 453/2010 (REACH)

Trade name: Deadfast Wasp Nest Plus

HSE 10865

Version: 1.0

Revision date:28.02.2022

Print date:28.02.2022

Respiratory Protection: No personal respiratory protective equipment normally required. When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators

Hand Protection: Wear gloves and wash hands after handling

Eye Protection: Eye protection is required only if there is a risk of splashing or spraying liquid.

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

8.2.3 Environmental exposure controls:

Consumer exposure control: See section 8.14

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: clear solid

Physical state: solid

Colour: clear

Odour: Characteristic

Odour threshold: no data

9.2 Other information:

	Value	Concentration	Method	Temperature	Pressure	Remark
pH	-	-	-	-	-	--
Melting point/freezing point	-	-	-	-	-	-
Initial boiling point/boiling range	-	-	-	-	-	-



Safety Data Sheet

According to Regulation (EC) No 453/2010 (REACH)

Trade name: Deadfast Wasp Nest Plus

HSE 10865

Version: 1.0

Revision date:28.02.2022

Print date:28.02.2022

Flash point	-	-	-	-	-	-
Evaporation rate	-	-	-	-	-	-
Flammability (solid, gas)	-	-	-	-	-	-
Upper/lower flammability or explosive limits	-	-	-	-	-	-
Upper explosive limits	-	-	-	-	-	-
Lower explosive limits	-	-	-	-	-	-
Vapour pressure	-	-	-	-	-	-
Vapour density	-	-	-	-	-	-
Relative density	>1.0g/cm	-	-	25°C	-	-
Solubility(ies)	insoluble	-	-	-	-	-
Partition coefficient: n-octanol/water	-	-	-	-	-	-
Auto-ignition temperature	-	-	-	-	-	-
Decomposition temperature	-	-	-	-	-	-
Viscosity	-	-	-	-	-	-
Viscosity, dynamic	-	-	-	-	-	-
Viscosity, cinematic	-	-	-	-	-	-
Explosive properties	-	-	-	-	-	-
Oxidising properties	-	-	-	-	-	-

Physical hazards:

If data for any of these hazard classes is not available, these hazard classes shall still be listed in the safety data sheet with a statement that data is not available or not applicable.

10. STABILITY AND REACTIVITY

10.1 Reactivity: None known.

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 decomposition if used as directed.

Safety Data Sheet

According to Regulation (EC) No 453/2010 (REACH)



Trade name: Deadfast Wasp Nest Plus

HSE 10865

Version: 1.0

Revision date: 28.02.2022

Print date: 28.02.2022

10.5 Incompatible materials: None known

10.6 Hazardous decomposition products: None known

11. TOXICOLOGICAL INFORMATION

Toxicokinetics, metabolism and distribution

11.1 Information on toxicological effects

Toxicological information of the mixture: N.A.

Toxicological information of the main substances found in the mixture:

Piperonyl Butoxide - CAS: 51-03-6

a) acute toxicity:

Test: LD50 - Route: oral - Species: Rat : = 4570-7720 mg/Kg
Test: LD50 - Route: dermal - Species: Rabbit : > 2000 mg/Kg

Test: LC50 - Route: Inhalation - Species: Rat : > 5.9 mg/L - Duration: Permethrin - CAS: 52645-53-1

a) acute toxicity:

Test: LD50 - Route: oral - Species: Rat : > 2000 mg/Kg
Test: LD50 - Route: dermal - Species: Rat : > 2000 mg/Kg
Test: LC50 - Route: Inhalation - Species: Rat : > 0.45 mg/L

acetone; propan-2-one; propanone - CAS: 67-64-1
LD50(RABBIT) ORAL: 5300 MG/KG

Assessment / Classification: based on the data available no classification required.

Skin corrosion/irritation

Practical experience / human evidence: No skin irritation

Animal data: No skin irritation

Safety Data Sheet

According to Regulation (EC) No 453/2010 (REACH)



Trade name: Deadfast Wasp Nest Plus

HSE 10865

Version: 1.0

Revision date:28.02.2022

Print date:28.02.2022

Other information: None

Assessment / Classification: Based on the data available, no classification required.

Eye damage/irritation

Practical experience / human evidence: No irritation to eyes

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 sensitisation

Other information: None

Assessment / Classification: Not classifiable due to data lacking.

Skin sensitisation

Practical experience / human evidence: No sensitisation

Other information: None

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

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

None of the components in this product are known to be mutagenic, carcinogenic or toxic to reproduction and development

12. ECOLOGICAL INFORMATION

12.1 Toxicity:

Adopt good working practices, so that the product is not released into the environment. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.



Safety Data Sheet

According to Regulation (EC) No 453/2010 (REACH)

Trade name: Deadfast Wasp Nest Plus

HSE 10865

Version: 1.0

Revision date: 28.02.2022

Print date: 28.02.2022

Piperonyl Butoxide - CAS: 51-03-6

- a) Aquatic acute toxicity:
Endpoint: EC50 Daphnia = 0.51 mg/L - Duration h: 48
Permethrin - CAS: 52645-53-1
- a) Aquatic acute toxicity:
Endpoint: LC50 Fish = 0.0089 mg/L - Duration h: 96
Endpoint: LC50 Daphnia = 0.020 mg/L - Duration h: 24
Endpoint: EC50 Algae > 0.011 mg/L - Duration h: 72 Tetramethrin
- CAS: 7696-12-0
- a) Aquatic acute toxicity:
Endpoint: LC50 Fish = 0.0037 mg/L - Duration h: 96
Endpoint: EC50 Daphnia magna = 0.110 mg/L - Duration h: 48

12.2 Persistence and degradability: No data available

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

12.3 Bioaccumulative potential: N/A

12.4 Mobility in soil: N/A

12.5 Results of PBT and vPvB assessment: None

12.6 Other adverse effects: None

Additional ecotoxicological information: None

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product / Packaging disposal:



Safety Data Sheet

According to Regulation (EC) No 453/2010 (REACH)

Trade name: Deadfast Wasp Nest Plus

HSE 10865

Version: 1.0

Revision date:28.02.2022

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Packaging:

Completely empty containers can be put in the bin or disposed of in compliance with applicable local regulations.

Do not reuse empty containers

Waste treatment options:

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.

Other disposal recommendations: If recycling is not practicable, dispose of in compliance with local regulations

Additional information: None

14. TRANSPORT INFORMATION

	Land transport (ADR/RID)	Inland waterway transport (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN No.	1950	1950	1950	1950
14.2 UN Proper shipping name	Aerosols, Flammable	Aerosols, Flammable	Aerosols, Flammable	Aerosols, Flammable
14.3 Transport hazard class(es)	2.1	2.1	2.1	2.1
14.4 Packing group	N/A	N/A	N/A	N/A
14.5 Environmental hazards	N/A	N/A	N/A	N/A

14.6 Special precautions for user: None

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 or mixture

15.1.1 EU regulations



Safety Data Sheet

According to Regulation (EC) No 453/2010 (REACH)

Trade name: Deadfast Wasp Nest Plus

HSE 10865

Version: 1.0

Revision date:28.02.2022

Print date:28.02.2022

Authorisations and/or restrictions on use:

HSE 10865

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

15.2 Chemical Safety Assessment:

For this substance a chemical safety assessment is not required.

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
IATA-DGR	Dangerous Goods Regulations by the International Air Transport Association
IMDG Code	International Maritime Dangerous Goods Code
MAPP	Ministerially Approved Pesticide Product
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: None



Safety Data Sheet

According to Regulation (EC) No 453/2010 (REACH)

Trade name: Deadfast Wasp Nest Plus

HSE 10865

Version: 1.0

Revision date:28.02.2022

Print date:28.02.2022

Full text of Classifications: N/A

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

16.7 Further information

MSDS 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.