



Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Deadfast Ready to Use Mouse killer-Pre-baited Station

Version:1.0 Revision date: 02.03.2018

Print date:02.03.2018

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

1.1 Product identifier Deadfast Ready to Use Mouse killer – Pre-baited Station

1.2 Relevant identified use Rodenticide –Biocidal use

1.3 Details of the supplier of the data sheet

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

Email customerservice@WestlandHorticulture.com

1.4 Emergency telephone number 01480 443789 (UK)24hrs

2. HAZARDS IDENTIFICATION

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



Warning Aquatic Acute 1, very toxic to aquatic life



Warning Aquatic Chronic 1, very toxic to aquatic life with long lasting effects

Adverse physiochemical human health and environmental effects: No other hazards

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

Hazard Pictograms



Signal Word

Warning

Hazard Statements

H410 Very toxic to aquatic life with long lasting effects



Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Deadfast Ready to Use Mouse killer-Pre-baited Station

Version:1.0 Revision date: 02.03.2018

Print date:02.03.2018

Precautionary Statements

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

P102 Keep out of the reach of children

P103 Read label before use

P273 Avoid release to the environment

P391 Collect spillage

P501 Dispose of contents/container according to local regulations

Special provisions : none

2.3 Other hazards

vPvB Substances : None –PBT Substances: None

Other hazards; none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances: N/A

3.2 Description

Hazardous Ingredients

Ingredient	Identifiers	Concentration %W/W	Warning Symbols	Regulation (EC) No 1272/2008 (CLP)
Chloralose (technical grade)	CAS: 15879-93-3 EC: 240-016-7	0.004 %		Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Inhalation) H332 STOT SE 3, H336 Aquatic Acute 1 H400 Aquatic Chronic 1, H410

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

4. FIRST AID MEASURES

4.1 General Information: In all cases of suspected exposure, medical assistance should be sought immediately. Have the product container, label or Material Safety Data Sheet with you when calling a poison control center or doctor, or going for treatment. See antidotal therapy below. Note that poisoning symptoms may develop over the course of several days

Inhalation: The preparation is a non dusty bait. Inhalation is not likely.
Inhalation is not applicable as route of exposure



Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Deadfast Ready to Use Mouse killer-Pre-baited Station

Version:1.0 Revision date: 02.03.2018

Print date:02.03.2018

Skin Contact: Remove contaminated clothing. Wash contaminated skin with plenty of soap and water. If skin irritation or other symptoms appear, 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/symptoms occurs.

Ingestion: If swallowed seek medical advice immediately. Wash out mouth with water; do not eat or drink. Place victim in recovery position and protect from injury, sudden movements and convulsions. Monitor breathing, and follow doctors' advice. Do NOT induce vomiting unless directed to do so by medical personnel.

Note to doctor: The product contains a depressant and convulsant of the nervous system. The bronchial congestion is fast. The treatment is symptomatic and there is no specific antidote.

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

Cardiac arrhythmias. Convulsions, In case of severe poisoning, central nervous system depression, hypotension, bradycardia and hypothermia may occur. Unconsciousness, diminished responsiveness, drowsiness, Inebriation

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

Treatment: contains a rodenticide which is a depressant of the nervous system and a convulsant. Bronchial obstruction early. Treatment is symptomatic, there is no known antidote

5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Foam or dry chemical are preferred to prevent excessive run off

5.2 Special Hazards Arising From the Substance or Mixture:

The mixture is not known to produce hazardous products of combustion. Normal products of organic combustion will be released on combustion

5.3 Advice for Fire Fighters:

Wear full protective clothing and self-contained breathing apparatus.

Other Information:

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



Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Deadfast Ready to Use Mouse killer-Pre-baited Station

Version:1.0

Revision date: 02.03.2018

Print date:02.03.2018

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

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 get into water courses, drains or onto the ground.

If this product enters a water course or a sewer (including via contaminated soil and vegetation) in large quantities, contact local water authority and inform the Environmental Agency

6.3 Methods and Materials for Containment and Cleaning Up:

Collect grains using vacuum cleaner or carefully sweep into closed container for recovery and disposal

Clean contaminated area with water and detergent after removal

Avoid the entry of washings into drains or waterways

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

6.4 Reference to other sections

See also Sections 8 and 13

7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

- Read the label before handling and use
- Avoid contact with skin, eyes and clothing
- Wash hand thoroughly after handling
- When using do not eat, drink or smoke

7.2 Conditions for safe storage including any incompatibilities:

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

7.3 Specific End Uses:

Use only as a rodenticide as recommended on the label



Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Deadfast Ready to Use Mouse killer-Pre-baited Station

Version:1.0 Revision date: 02.03.2018

Print date:02.03.2018

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters: Contains no substances with occupational exposure limit values

8.2 Exposure Controls

Engineering controls: 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.
Where necessary, seek additional occupational hygiene advice.

Protective Measures: Although this product is not classified as dangerous, users should be made aware that the active substance may cause serious damage to health by prolonged exposure. 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

Respiratory Protection: No special protective equipment required

Hand Protection: Wear disposable latex gloves or similar. Care should be taken when removing and disposing of gloves to avoid hand contact and contamination. Wash hands immediately after using this product

Eye Protection: Eye protection is not necessary if used according to instructions

Skin and Body Protection: Protective work clothing. Wash contaminated clothing before re-use

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

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Black paste

Physical state: Solid

Colour: Black

Odour: Light

Odour threshold: None known



Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Deadfast Ready to Use Mouse killer-Pre-baited Station

Version:1.0

Revision date: 02.03.2018

Print date:02.03.2018

9.2 Other information:

	Value	Concentration	Method	Temperature	Pressure	Remark
pH	6.49	1% in water	-	20°C	-	-
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	-	-	-	-	-	-
Vapour pressure	-	-	-	-	-	-
Vapour density	-	-	-	-	-	-
Relative density	1.77	-	-	-	-	-
Solubility(ies)	-	-	-	-	-	-
Partition coefficient: n-octanol/water	-	-	-	-	-	-
Auto-ignition temperature	-	-	-	-	-	-
Decomposition temperature	-	-	-	-	-	-
Viscosity	-	-	-	-	-	-
Viscosity, dynamic	-	-	-	-	-	-
Viscosity, cinematic	-	-	-	-	-	-
Explosive properties	-	-	-	-	-	-
Oxidising properties	-	-	-	-	-	-

Physical hazards: N/A

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

Flammable and oxidising solids: Testing is not required for flammable or oxidizing solids



Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Deadfast Ready to Use Mouse killer-Pre-baited Station

Version:1.0

Revision date: 02.03.2018

Print date:02.03.2018

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: None known

10.5 Incompatible Materials: None known

10.6 Hazardous Decomposition: Heating or fire can release organic products of combustion

11. TOXICOLOGICAL INFORMATION

Toxicokinetics, metabolism and distribution

11.1 Information on toxicological effects

Acute Toxicity: Oral -LD50 Median lethal dose rat >5,000 mg/kg

Skin Corrosion/ Irritation: Not irritant

Eye Damage/ Irritation: Slight chemosis, totally reversible

Respiratory or Skin Sensitization: Not sensitizing

Long Term Toxicity: N/A

STOT- repeated exposure: N/A



Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Deadfast Ready to Use Mouse killer-Pre-baited Station

Version:1.0

Revision date: 02.03.2018

Print date:02.03.2018

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic acute Toxicity

Chlorarose technical grade- CAS: 15879-93-3
LC50 Oncorhynchus mykiss (rainbow trout), >2.4 mg/l, 96h
EC50 Selastrum Subspicatus (algae) 0.52mg/l, 72h
EC50 Daphnia magna (water flea), 0.027mg/l 48h

12.2 Persistence and Degradability: N/A

12.3 Bioaccumulative Potential: N/A

12.4 Mobility in Soil: N/A

12.5 Results of PBT and vPvB Assessment: N/A

12.6 Other Adverse effects: None

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment methods

Product:

Do not contaminate ponds, waterways or ditches with preparation or used container.

Do not contaminate food

Do not dispose of waste into sewer.

If recycling is not practicable, dispose of in compliance with local regulations.

Waste product should be stored in designated areas and destroyed by incineration

Where possible, recycling is preferred to disposal or incineration Care should be taken to ensure that disposal methods do not expose the preparation to non-target wild or domestic animals or pets

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.



Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Deadfast Ready to Use Mouse killer-Pre-baited Station

Version:1.0

Revision date: 02.03.2018

Print date:02.03.2018

14. TRANSPORT INFORMATION

	Land transport (ADR/RID)	Inland waterway transport (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN No.	UN3077	UN3077	UN3077	UN3077
14.2 UN Proper shipping name	Environmentally Hazardous substance, solid NOS (Chloralose)	Environmentally Hazardous substance, solid NOS (Chloralose)	Environmentally Hazardous substance, solid NOS (Chloralose)	Environmentally Hazardous substance, solid NOS (Chloralose)
14.3 Transport hazard class(es)	9	9	9	9
Hazard label(s)				
14.4 Packing group	III	III	III	III
14.5 Environmental hazards				

14.6 Special precautions for user: ADR-Tunnel restriction code: E

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Additional information: N/A

15. REGULATORY INFORMATION

15.1 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: Chloralose (Technical grade)

15.2 Chemical Safety Assessment: Not available



Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Deadfast Ready to Use Mouse killer-Pre-baited Station

Version:1.0

Revision date: 02.03.2018

Print date:02.03.2018

16. OTHER INFORMATION

16.1 Indication of changes: None

16.2 Abbreviations and Acronyms

ADR	International Carriage of Dangerous Goods by Road
CAS No	Chemicals Abstract Service Registry Number
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
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: Lodi Group

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

CLP/GHS: Acute Tox 1; Acute Toxicity, Category 1

Aquatic Chr 1; Aquatic Chronic Toxicity, Category 1

STOT RE 1, Specific Target Organ Toxicity (Repeated Exposure), Category 1

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

H300	Fatal if swallowed
H310	Fatal in contact with skin
H330	Fatal if inhaled
H372	Causes damages to organs through prolonged or repeated exposure
H410	Very toxic to aquatic life with long lasting effects

16.6 Recommended uses and restrictions: Follow the instructions

16.7 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 Regulation 1272/2008 and Annex I of the REACH regulation 453/2010.



Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Deadfast Ready to Use Mouse killer-Pre-baited Station

Version:1.0 Revision date: 02.03.2018

Print date:02.03.2018

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.