



SAFETY DATA SHEET

according to Regulation (EU) 2020/878

Page 1/9

Eastern Western Bird & Bug Remover

Revision 21

Revision date 2024-05-13

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Eastern Western Bird & Bug Remover

1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use [SU21] Consumer uses: Private households (= general public = consumers); [PC35] Washing and cleaning products (including solvent based products);

[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC35] Washing and cleaning products (including solvent based products);

Description A combination of surfactants which neutralise the acid in bird lime.

1.3. Details of the supplier of the safety data sheet

Company SUPAGARD LIMITED
Address 19-27 Gavinton Street
Muirend
Glasgow
G44 3EF
Web www.supagard.com
Telephone 0141 633 5933
Fax 01416377219
Email James.Smyth@supagard.com
Email address of the competent person James.Smyth@supagard.com

1.4. Emergency telephone number

Emergency telephone number 01416335933
8.30am to 5.00pm

For medical advice or information you should contact your GP or NHS 111 (or NHS 24 in Scotland) on 111 (for 24 hour health advice)

If you are a healthcare professional with an enquiry please visit www.TOXBASE.org

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008 This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No. 1272/2008 on classification, labelling and packaging of substances and mixtures.

2.2. Label elements

Precautionary Statement: Prevention P102 - Keep out of reach of children.

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

Eastern Western Bird & Bug Remover

Revision 21
Revision date 2024-05-13

2.2. Label elements

| | |
|---|---|
| Hazard Statement SUPPLEMENTAL HAZARD INFORMATION | No Significant Hazard |
| | Ingredients as required by Regulation (EC) No 648/2004: Less than 5% Non-ionic surfactants. |
| | Contains - 2,2',2"-Nitrilotriethanol, Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides, Denatured Ethanol, 2-butoxyethanol. |

2.3. Other hazards

| | |
|---------------|--|
| Other hazards | This substance/mixture is not classified as PBT or vPvB according to current criteria. The substance/mixture does not contain substances with endocrine disrupting properties. |
|---------------|--|

Further information

| |
|--|
| RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY. |
|--|

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification |
|--|--------------|-------------|-----------|---------------------------|--------------|--|
| 2,2',2"-Nitrilotriethanol | | 102-71-6 | 203-049-8 | 01-2119486482-31 | 1 - 10% | |
| Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides | | 308062-28-4 | 931-292-6 | 01-2119490061-47 | 0 - 0.5% | Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 2: H411; |
| Diethanolamine | | 111-42-2 | 203-868-0 | 01-2119488930-28 | 0 - 0.5% | Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318; Repr. 2: H361fd; STOT RE 2: H373; |
| Ethanol: Ethyl Alcohol (Ethanol) | | 64-17-5 | 200-578-6 | 01-2119457610-43 | 1 - 10% | Flam. Liq. 2: H225; Eye Irrit. 2: H319; |
| 2-butoxyethanol | 603-014-00-0 | 111-76-2 | 203-905-0 | 01-2119475108-36 | 1 - 10% | Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315; |

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides (CAS No. 308062-28-4) - M Factor (Acute) = 1.

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|--------------|---|
| Inhalation | Move the exposed person to fresh air. |
| Eye contact | Rinse immediately with plenty of water. Contact lenses should be removed. |
| Skin contact | Remove contaminated clothing. Wash with water and soap as a precaution. |
| Ingestion | DO NOT INDUCE VOMITING. Rinse mouth thoroughly. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|--------------|---|
| Inhalation | May cause irritation to respiratory system. |
| Eye contact | May cause irritation to eyes. |
| Skin contact | May cause skin dryness and irritation. |
| Ingestion | May cause irritation to mucous membranes. |

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

| | |
|---------------------------|---|
| Inhalation Eye contact | TREAT SYMPTOMATICALLY. |
| | Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist. |
| | Contact lenses should be removed. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist. |

Eastern Western Bird & Bug Remover

Revision 21

Revision date 2024-05-13

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

| | |
|--------------|--|
| Skin contact | Seek medical attention if irritation or symptoms persist. |
| Ingestion | Drink 1 to 2 glasses of water. Seek medical attention if irritation or symptoms persist. |

General information

| | |
|--|---|
| | If you feel unwell, seek medical advice (show the label where possible). Treat symptomatically. |
|--|---|

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--|---|
| | This product is not flammable . Use fire-extinguishing media appropriate for surrounding materials. |
|--|---|

5.2. Special hazards arising from the substance or mixture

| | |
|--|-------------|
| | None known. |
|--|-------------|

5.3. Advice for firefighters

| | |
|--|--|
| | Fire fighters should wear self contained positive pressure breathing apparatus (SCBA) and full turnout gear. |
|--|--|

Further information

| | |
|--|---|
| | In the event of a fire and/or explosion do not breath fumes. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
|--|---|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|--|-------------------------------------|
| | Wear suitable protective equipment. |
|--|-------------------------------------|

6.2. Environmental precautions

| | |
|--|---|
| | Advise local authorities if large spills cannot be contained. |
|--|---|

6.3. Methods and material for containment and cleaning up

| | |
|--|--|
| | For large spills:. Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. For small spills:. Flush down the drain with plenty of water. |
|--|--|

6.4. Reference to other sections

| | |
|--|--|
| | See section 2, 7, 8, 13 for further information. |
|--|--|

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|--|---|
| | Adopt best Manual Handling considerations when handling, carrying and dispensing. |
|--|---|

7.2. Conditions for safe storage, including any incompatibilities

| | |
|--|---|
| | Store in a cool, dry area. Keep container tightly closed. Keep out of the reach of children. Store in original container. |
|--|---|

7.3. Specific end use(s)

| | |
|--|--|
| | A combination of surfactants which neutralise the acid in bird lime. |
|--|--|

Suitable packaging

| | |
|--|---------------------|
| | Plastic containers. |
|--|---------------------|

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| | |
|--|---------------------------------|
| | Occupational exposure controls. |
|--|---------------------------------|

Eastern Western Bird & Bug Remover

Revision 21

Revision date 2024-05-13

8.1.1. Exposure Limit Values

| | | |
|----------------------------------|--|---|
| 2-butoxyethanol | WEL 8-hr limit ppm: 25 WEL 15 min limit ppm: 50 WEL 8-hr limit mg/m ³ total inhalable dust: - WEL 8-hr limit mg/m ³ total respirable dust: - | WEL 8-hr limit mg/m ³ : 123 WEL 15 min limit mg/m ³ : 101.2 WEL 15 min limit mg/m ³ total inhalable dust: - WEL 15 min limit mg/m ³ total respirable dust: - |
| Ethanol: Ethyl Alcohol (Ethanol) | WEL 8-hr limit ppm: 1000 WEL 15 min limit ppm: - WEL 8-hr limit mg/m ³ total inhalable dust: - WEL 8-hr limit mg/m ³ total respirable dust: - | WEL 8-hr limit mg/m ³ : 1920 WEL 15 min limit mg/m ³ : - WEL 15 min limit mg/m ³ total inhalable dust: - WEL 15 min limit mg/m ³ total respirable dust: - |

DNEL: Derived no-effect level.


Exposure Pattern - Workers

| | | |
|----------------------------|--|---|
| 2,2',2''-Nitrioltriethanol | Long-term - inhalation - Local effects 5 mg/m ³ Long-term - dermal - Systemic effects 6.3 mg/kg | |
| 2-butoxyethanol | Acute inhalation - Systemic effects 1091 mg/m ³ Acute inhalation - Local effects 246 mg/m ³ Long-term - inhalation - Systemic effects 98 mg/m ³ | Acute dermal - Systemic effects 89 mg/kg Long-term - dermal - Systemic effects 125 mg/kg |
| Ethanol: Ethyl Alcohol | Long-term - inhalation - Systemic effects 950 mg/m ³ Long-term - inhalation - Local effects 1900 mg/m ³ | Long-term - dermal - Systemic effects 343 mg/kg |

Exposure Pattern - General population

| | | |
|----------------------------|---|---|
| 2,2',2''-Nitrioltriethanol | Long-term - inhalation - Local effects 1.25 mg/m ³ Long-term - dermal - Systemic effects 3.1 mg/kg | Long-term - oral - Systemic effects 13 mg/kg |
| 2-butoxyethanol | Acute inhalation - Systemic effects 426 mg/m ³ Acute dermal - Systemic effects 89 mg/kg Long-term - inhalation - Systemic effects 59 mg/m ³ Long-term - dermal - Systemic effects 89 mg/kg | Acute oral - Systemic effects 26.7 mg/kg Long-term - inhalation - Local effects 147 mg/m ³ Long-term - oral - Systemic effects 6.3 mg/kg |
| Ethanol: Ethyl Alcohol | Long-term - inhalation - Systemic effects 114 mg/m ³ Long-term - inhalation - Local effects 950 mg/m ³ Long-term - oral - Systemic effects 87 mg/kg | Long-term - dermal - Systemic effects 206 mg/kg |

8.2. Exposure controls

| | |
|--|--|
| |  |
| | Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Use |

Eastern Western Bird & Bug Remover

Revision 21

Revision date 2024-05-13

8.2. Exposure controls

| | |
|--|--|
| | appropriate personal protective equipment. Wear suitable protective clothing and eye/face protection. |
| 8.2.1. Appropriate engineering controls | Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Ensure eyewash stations and safety showers are close to the workstation location. |
| Eye / face protection | Avoid contact with eyes. If splashes are likely to occur, wear: safety glasses with side-shields. |
| Skin protection - Handprotection | Rubber gloves. |
| Respiratory protection | No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment. |
| 8.2.3. Environmental exposure controls | Prevent further leakage or spillage if safe to do so. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------------------------|-------------------|
| Appearance | Liquid |
| Colour | Clear |
| Odour | Characteristic |
| Odour threshold | No data available |
| pH | 8 - 10 |
| Melting point | Not applicable. |
| Flash point | 62 °C |
| Evaporation rate | No data available |
| Flammability (solid, gas) | No data available |
| Vapour pressure | No data available |
| Relative Vapour Density | No data available |
| Density / Relative Density | No data available |
| Initial boiling point | No data available |
| Partition coefficient | No data available |
| Autoignition temperature | No data available |
| Viscosity | < 50 centipoise |
| Explosive properties | No data available |
| Oxidising properties | Not applicable. |
| Solubility | Soluble in water |

9.2. Other information

| | |
|-------------------------|----------------------------|
| Surface tension | No data available |
| Specific gravity | 1 - 1.01 g/cm ³ |
| Gas group | No data available |
| Benzene Content | Not applicable. |
| Lead content | Not applicable. |
| Conductivity | Not applicable. |

9.2.1. Information with regard to physical hazard classes

No data is available on this product.

9.2.2. Other safety characteristics

No data is available on this product.

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions. No specific reactivity hazards associated with this product.

Eastern Western Bird & Bug Remover

Revision 21

Revision date 2024-05-13

10.2. Chemical stability

Stable under normal conditions. No particular stability concerns.

10.3. Possibility of hazardous reactions

Strong acids. Strong oxidising agents.

10.4. Conditions to avoid

Protect from frost.

10.5. Incompatible materials

No incompatible groups noted.

10.6. Hazardous decomposition products

No Hazardous decomposition products when stored and handled correctly.

SECTION 11: Toxicological information

11.1 Information on hazard classes

| | |
|-----------------------------------|---|
| Acute toxicity | This mixture has not been tested as a whole for health effects. The health effects have been calculated from raw material supplier LD50 and Acute Toxicity Estimates (ATE) as outlined in the Regulation (EC) No. 1272/2008 (CLP) as amended by UK law. |
| | based on available data the classification criteria are not met. Oral ATE = >10,000 mg/kg. Dermal ATE = >10,000 mg/kg. Inhalation - Dust/Mist ATE = >20 mg/l. |
| Skin corrosion/irritation | based on available data the classification criteria are not met. |
| Serious eye damage/irritation | based on available data the classification criteria are not met. |
| Respiratory or skin sensitisation | based on available data the classification criteria are not met. |
| Germ cell mutagenicity | based on available data the classification criteria are not met. |
| Carcinogenicity | based on available data the classification criteria are not met. |
| Reproductive toxicity | based on available data the classification criteria are not met. |
| STOT-single exposure | based on available data the classification criteria are not met. |
| STOT-repeated exposure | based on available data the classification criteria are not met. |
| Aspiration hazard | based on available data the classification criteria are not met. |
| Repeated or prolonged exposure | based on available data the classification criteria are not met. |

11.1.2. Mixtures

No data available.

11.1.3. Hazard Information

No data available.

11.1.4. Toxicological Information

| | | |
|---------------------------|---|-----------------------------------|
| 2,2',2"-Nitrilotriethanol | Oral Rat LD50: 4190 mg/kg | Dermal Rabbit LD50: >20,000 mg/kg |
| 2-butoxyethanol | Oral Rat LD50: 1200 mg/kg Inhalation Rat LC50/4 h: 2.2 mg/l | Dermal Rabbit LD50: >2000 mg/kg |
| Ethanol: Ethyl Alcohol | Oral Rat LD50: 10470.0 mg/kg Inhalation Rat LC50/4 h: >20 mg/l | Dermal Rabbit LD50: 15800.0 mg/kg |

11.2 Information on other hazards

No data is available on this product.

SECTION 12: Ecological information

12.1. Toxicity

Eastern Western Bird & Bug Remover

Revision 21

Revision date 2024-05-13

12.1. Toxicity

| | | |
|---------------------------|---|---|
| 2,2',2"-Nitrilotriethanol | Green algae EC50/96h: 169 mg/l Fathead minnows LC50/96h: 10600 - 13000 mg/l | Algae EC50/72h: 216 mg/l Lepomis_Macrochirus LC50/96h: 450 - 1000 mg/l |
| 2-butoxyethanol | Daphnia EC50/48h: 1550.0000 mg/l Lepomis_Macrochirus LC50/96h: 1490 - 2950 mg/l EC50 for marine or freshwater organisms >100.0000 mg/l | Algae EC50/72h: 911 mg/l (Pseudokirchnerie lla subcapitata) LC50 for marine or freshwater organisms >100.0000 mg/l |
| Ethanol: Ethyl Alcohol | Daphnia EC50/48h: 12340.0000 mg/l Green Algae EC50/48h: >100mg/l Rainbow trout LC50/96h: 13000 mg/l NOEC / EC10 for marine or freshwater organisms 9.6000 mg/l | Algae EC50/72h: 275 mg/l Fathead minnows LC50/96h: 14200 mg/l Golden orfe LC50/48h: >100 mg/l |

12.2. Persistence and degradability

| | |
|--|--|
| | Substance biodegrades at a moderate rate and inherently biodegradable according to the OECD guide lines. |
|--|--|

12.3. Bioaccumulative potential

| | |
|--|-------------------------------------|
| | The product is not bioaccumulating. |
|--|-------------------------------------|

Partition coefficient

| | | |
|--|--|---|
| | Eastern Western Bird & Bug Remover Ethanol: Ethyl Alcohol -0.35 log P | 2,2',2"-Nitrilotriethanol -2.53 Log Pow 2-butoxyethanol 0.81 log P |
|--|--|---|

12.4. Mobility in soil

| | |
|--|-----------------------------------|
| | This product is soluble in water. |
|--|-----------------------------------|

12.5. Results of PBT and vPvB assessment

| | |
|--|--|
| | This substance/mixture is not classified as PBT or vPvB according to current criteria. |
|--|--|

12.6 Endocrine disrupting properties

| | |
|--|---------------------------------------|
| | No data is available on this product. |
|--|---------------------------------------|

12.7. Other adverse effects

| | |
|--|---------------------------------------|
| | No data is available on this product. |
|--|---------------------------------------|

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|--|--|
| | Dispose of waste and residues in accordance with local authority requirements. |
|--|--|

General information

| | |
|--|--|
| | Dispose of in compliance with all local and national requirements. |
|--|--|

Disposal of packaging

| | |
|--|---|
| | Do NOT reuse empty containers. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations. |
|--|---|

SECTION 14: Transport information

14.1. UN number

| | |
|--|--|
| | The product is not classified as dangerous for carriage. |
|--|--|

14.2. UN proper shipping name

Eastern Western Bird & Bug Remover

Revision 21

Revision date 2024-05-13

14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

The product is not classified as dangerous for carriage.

14.6. Special precautions for user

The product is not classified as dangerous for carriage.

14.7 Maritime Transport in bulk according to IMO instruments

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulations

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. As retained and amended in UK law.

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. As retained and amended in UK law.

COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). As retained and amended in UK law.

15.2. Chemical safety assessment

No information available.

SECTION 16: Other information

Other information

Revision

This document differs from the previous version in the following areas:
12 - 12.1. Toxicity.

Text of Hazard Statements in Section 3

Acute Tox. 4: H302 - Harmful if swallowed.
Skin Irrit. 2: H315 - Causes skin irritation.
Eye Dam. 1: H318 - Causes serious eye damage.
Aquatic Acute 1: H400 - Very toxic to aquatic life.
Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
Repr. 2: H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child.
STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure.
Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Acute Tox. 4: H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled

Eastern Western Bird & Bug Remover

Revision 21

Revision date 2024-05-13

Further information

| | |
|--|---|
| | <p>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.</p> |
|--|---|
