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

1.1 Product identifier

Product /substance Exosex® CLTab
Product code E292
CAS number Not allocated
EC number Not allocated

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

Recommended use Mating disruption of webbing clothes moth *Tineola bisselliella*.
Uses advised against Use only as recommended

1.3 Details of the Supplier of the Safety Data Sheet

Company Exosect Limited
Leylands Business Park
Colden Common
Winchester, SO21 1TH, UK
Telephone +44 (0) 23 80603939
E-mail address info@exosect.com

1.4 Emergency telephone number

Please contact +44 (0) 23 80603939

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture


Classification according to Regulation (EC) No. 1272/2008 [CLP]

Physical hazards Not Classified
Health hazards Not Classified
Environmental hazards Not Classified

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

Hazard pictograms: None
Signal word: None
Hazard statements: None
Precautionary statements: P102 Keep out of reach of children.
P270 Do not eat, drink or smoke when using this product.
P264 Wash hands thoroughly after handling
Supplemental Hazard information: None

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2.3 Other hazards

No hazards identified

SECTION 3: Composition / information on ingredients

3.2 Mixtures

Component	CAS No.	EC No.	Weight %	CLP Classification
(E,Z)-2,13-Octadecadienal acetate	99577-57-8	619-445-2	0.35	Not Classified
(E)-2-Octadecenal	51534-37-3		0.15	Not Classified

SECTION 4: First aid measures

4.1 Description of first aid measures

4.1.1. General information:

In the case of accident or feeling unwell, seek medical advice and show directions for use or safety data sheet if possible

4.1.2. Following inhalation:

If tablet powder is inhaled remove casualty to fresh air. If breathing is difficult or symptoms persist, seek medical attention.

4.1.3. Following skin contact:

Wash immediately with soap and water. In case of skin irritation consult a physician.

4.1.4. Following eye contact:

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. If symptoms persist, seek medical attention.

4.1.5. Following ingestion:

If ingested, wash out mouth with water. Seek medical attention.

4.1.6. Self-protection of the first aider:


First aider: Pay attention to self-protection

4.2 Most important symptoms and effects, both acute and delayed

Direct contact with eyes may cause temporary irritation

4.3 Indication of any immediate medical attention and special treatment needed

No special treatment noted

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Carbon dioxide (CO₂), foam, water, dry extinguishing powder.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

None known.

5.3. Advice for firefighters

Protective equipment: Boots, overalls, gloves, eye and face protection approved for firefighting must be worn.

Protective actions: Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

SECTION 6: Accidental release measures

6.1. Personnel precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Spillages may make floor slippery. Do not touch or walk into spilled material. Avoid generating dust. Wear appropriate protective clothing as indicated in section 8. Extra personal protection: P1 filter respirator for nuisance particles.

6.1.2 For emergency responders

Spillages may make floor slippery. Avoid generating dust. Wear appropriate protective clothing as indicated in section 8. Extra personal protection: P1 filter respirator for nuisance particles.

6.2 Environmental precautions

Avoid discharge into drains or watercourses or onto the ground. In the event of a large spillage, collect the material and dispose of safely.

6.3. Methods and material for containment and cleaning up

Sweep up spilled substance into containers for disposal (avoid making dust). Powder residues may be removed by wiping / mopping the area with a mild detergent solution.

6.3.1 For containment


Collect in closed and suitable containers for disposal.

6.3.2 For cleaning up

Clean contaminated objects and areas thoroughly observing environmental regulations.

6.3.3 Other information

None.

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6.4. Reference to other sections

Personal protection equipment: see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures:

Handle and open pack with care. Always close pack tightly after the removal of product. Avoid contact with powder when handling the tablets /dispensers. If irritation occurs, wash with water and soap and seek medical advice if the irritation persists. Wear personal protective clothing (see Section 8).

Do not eat, drink or smoke whilst handling this product. Wash hands after use.

Measures to prevent fire:

This product is not highly flammable. No special fire protection measures are necessary.

Measures to prevent aerosol and dust generation:

Handle with care and avoid crushing the tablets which may create dust.

Measures to protect the environment:

Avoid discharge into drains or watercourses or onto the ground.

Advice on general occupational hygiene:

Do not eat, drink or smoke whilst handling this product. Wash hands after use. Wash contaminated clothing prior to re-use.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:♣

Store unopened at or below 4°C. Use within 6 months. After removal from cold storage use within 2 weeks. Once opened, use immediately.

Requirements for storage rooms and vessels:


No specific rooms or vessels required.

Further information on storage conditions:

Protect packs against damage.

7.3. Specific end use(s)

For use in the enhancement of clothes moth monitoring traps.

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SECTION 8: Exposure Controls/Personal protection

8.1. Control parameters

Workplace exposure limits (WEL)

Paraffin waxes and hydrocarbon waxes
Long-term exposure limit (8-hour TWA): WEL 2 mg/m³ fume
Short-term exposure limit (15-minute): WEL 6 mg/m³ fume
WEL = Workplace Exposure Limit

Biological limit values

No biological exposure limits noted

Monitoring methods

Follow standard monitoring procedures as required

Derived No Effect Level (DNEL): No available data

PNECs:

Environmental protection target	PNEC Value
PNEC aquatic, freshwater	No available data
PNEC sediment, freshwater	No available data
PNEC aquatic, marine water	No available data
PNEC sediment, marine water	No available data
PNEC secondary poisoning	No available data
PNEC sewage treatment plant (STP)	No available data
PNEC soil	No available data
PNEC air	No available data


8.2. Exposure controls

8.2.1. Appropriate engineering controls:

Handle in accordance with good hygiene and safety practices. Wash hands before breaks and at the end of the working day.

8.2.2. Personal protective equipment:

Eye/face protection: Not required in normal use
Skin protection: Nitrile gloves to EN374 are recommended

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Respiratory protection	Not required in normal use. If dust is generated a suitable dust mask should be worn.
Thermal hazards	Not required

8.2.3. Environmental exposure controls:

No specific controls are recommended.


SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

(a) Appearance:	Off-white, powdery cylindrical tablet.
(b) Odour:	Fatty, waxy
(c) Odour threshold:	No available data
(d) pH:	Not applicable to solids
(e) Melting point / freezing point	82 °C - 86 °C
(f) Initial boiling point and boiling range:	No available data
(g) Flash point:	271 – 315 °C (closed cup)
(h) Evaporation rate:	Not applicable, not volatile
(i) Flammability (solid, gas):	Not flammable
(j) Upper/lower flammability or explosive limits:	3-4 mJ
(k) Vapour pressure	Not applicable to solids
(l) Vapour density	Not applicable to solids
(m) Relative density	1g cm ³
(n) Solubility(ies)	Soluble in n-hexane, sparingly soluble in acetone, ethanol
(o) Partition coefficient n-octanol/water	No available data
(p) Auto-ignition temperature	No available data
(q) Decomposition temperature	No available data
(r) Viscosity	Not applicable to solids
(s) Explosive properties	Not explosive
(t) Oxidising properties	Not oxidising

9.2 Other information

No additional information relevant to safe use of the substance.

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SECTION 10: Stability and reactivity

10.1 Reactivity

Non-reactive under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.2 Chemical stability:

Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3 Possibility of hazardous reactions

No hazardous reactions expected from the use or storage of this product.

10.4. Conditions to avoid:

No specific conditions to avoid.

10.5. Incompatible materials

No known incompatibilities.

10.6 Hazardous decomposition products

No hazardous decomposition expected.

SECTION 11: Toxicological information

11.1 Information on toxicological effects (Active substance)

a) Acute toxicity

Oral Based on available data, the classification criteria are not met.

Dermal Based on available data, the classification criteria are not met.

Inhalation Based on available data, the classification criteria are not met.

b) Skin corrosion/irritation Based on available data, the classification criteria are not met.

c) Serious eye damage/irritation Based on available data, the classification criteria are not met.


d) Respiratory or skin sensitisation

Respiratory Based on available data, the classification criteria are not met.

Skin Based on available data, the classification criteria are not met.

e) Germ cell mutagenicity Based on available data, the classification criteria are not met.

f) Carcinogenicity Based on available data, the classification criteria are not met.

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g) Reproductive toxicity	Based on available data, the classification criteria are not met.
h) STOT-single exposure	Based on available data, the classification criteria are not met.
i) STOT-repeated exposure	Based on available data, the classification criteria are not met.
Target organs	Based on available data, the classification criteria are not met.
j) Aspiration hazard	Based on available data, the classification criteria are not met.
Other adverse effects	Based on available data, the classification criteria are not met.

12. Ecological information ♣

12.1 Toxicity

Acute (short-term) fish toxicity	No available data.
Chronic (long-term) fish toxicity	No available data.
Acute (short-term) toxicity to crustacea	No available data.
Chronic (long-term) toxicity to crustacea	No available data.
Toxicity to other aquatic plants/organisms	No available data.
Toxicity to microorganisms	No available data.

12.2 Persistence and degradability

Abiotic degradation	No available data.
Physical and photo-chemical elimination	No available data.
Biodegradation	The degradability of the product is not known.

12.3 Bioaccumulative potential


Partition coefficient n-octanol/water (log Kow)	No available data.
Bioconcentration factor (BCF)	No available data.

12.4 Mobility in soil

Know or predicted distribution to environmental compartments	This product has poor water solubility.
Surface tension	No available data.
Adsorption/Desorption	No available data.

12.5 Results of PBT and vPvB assessment (Active substance)

This mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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12.6 Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

13.1.1 Product/Packaging disposal:

Waste is not classified as hazardous and can be sent to landfill or for incineration. Packaging should be disposed of in accordance with local regulations.

13.1.2 Waste treatment-relevant information:

No special waste treatment required.

13.1.3 Sewage disposal-relevant information:

Waste should not be disposed of into sewerage systems.

13.1.4 Other disposal recommendations:

Handle contaminated packaging in the same manner as the product. Can be incinerated in compliance with local regulations.

SECTION 14: Transport information

Not classified as hazardous for transport.

14.1. UN number

Not classified.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not classified.

14.4. Packing group


Not classified.

14.5. Environmental hazards

No hazards identified.

14.6. Special precautions for user

No special precautions required.

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14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable, packaged goods.

SECTION 15: Regulatory information

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

15.1.1 National regulations

Health and Safety at Work etc. Act 1974 (as amended).

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].

EH40/2005 Workplace exposure limits.

15.1.2 EU legislation

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) (as amended).

Commission Regulation (EU) No 2015/830 of 28 May 2015.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2 Chemical safety assessment

A chemical safety assessment has not been conducted for this mixture.

SECTION 16: Other information

Full text of H-Statements referred to under sections 2 and 3: No hazard statements allocated.

The information provided in this safety data sheet is accurate at the date of publication and is intended to give guidance on the safe handling, use, processing, storage, transport and disposal of the product. No liability will be accepted for any injury, loss or damage resulting from any failure to take account of information or advice contained in this safety data sheet.

The requirements or recommendations of any relevant site or working procedure, system or policy in force or arising from any risk assessment involving the substance or product should take precedence over any of the guidance contained in this safety data sheet where there is a difference in the information given.

Sections marked with a ♣ indicate that new or revised information has been added.

This version replaces all previous versions.