	Document	SDS292 Exosex CL Tab
	Version	-XX-English-r2
<b>Safety Datasheet</b> (according to EC regulation 453/2010/EC)	Supersedes	SDS292 Exosex CL Tab - XX-English-r1
<b>Exosex® CLTab</b>	Date	28-07-11

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1. **Product identifier** **Exosex® CLTab E292 1**
- 1.2. **Relevant identified uses of the substance or mixture and uses advised against**  
Monitoring trap enhancer for Clothes moth *Tineola bisselliella*
- 1.3. **Details of the supplier of the safety data sheet**  
Exosect Limited  
Leylands Business Park  
Colden Common  
Winchester, SO1 1TH, UK  
info@exosect.com
- 1.4. **Emergency telephone number**  
+ 44 (0) 2380 603939 office hours 08:30 – 16:30 GMT Mon-Fri

## 2. HAZARDS IDENTIFICATION

- 2.1. **Classification of the substance or mixture**  
Not classified as hazardous under according to 99/45/EC and 1272/2008/EC

### 2.2. Label elements

#### 99/45/EC

**Symbol(s):** None  
**Risk phrase(s):** None  
**Safety phrase(s):** **S2** Keep out of reach of children  
**S13** Keep away from food, drink and animal feeding stuffs  
**S20/21** When using do not eat, drink or smoke  
**S29/35** Do not empty into drains: dispose of this material and its container in a safe way.

**Contains:** (E,Z)-2,13-Octadecadienal  
(E)-2-Octadecenal

#### 1272/2008/EC


**Pictogram(s):** Not required  
**Signal word:** Not required  
**Hazard statements:** Not required

#### **Precautionary statements:**

**Prevention:** **P102** Keep out of reach of children.  
**P270** Do not eat, drink or smoke when using this product.  
**P264** Wash hands thoroughly after handling

**Response:** Not required  
**Storage:** Not required  
**Disposal:** **P501** Dispose of contents/container in accordance with local/regional/national regulations.

**Contains:** E,Z)-2,13-Octadecadienal  
(E)-2-Octadecenal

 <b>exosect</b> <sup>®</sup> Intelligent Pest Management	Document	SDS292 Exosex CL Tab
	Version	-XX-English-r2
<b>Safety Datasheet</b> (according to EC regulation 453/2010/EC)	Supersedes	SDS292 Exosex CL Tab - XX-English-r1
<b>Exosex<sup>®</sup> CLTab</b>	Date	28-07-11

### 2.3. Other hazards

Does not meet the criteria for PBT or vPvB

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### 99/45/EC

Dangerous substances	Content %	CAS No	EC No.	Hazard symbols	Risk phrases
(E,Z)-2,13-Octadecadienal acetate	0.35	99577-57-8		Xi, N	R38,R50/53
(E)-2-Octadecenal	0.15	51534-37-3		Xi, N	R38,R50/53
Inerts	99.5	-	-	-	.none

### 1272/08/EC

Dangerous substances	Content, %	CAS No	EC No.	Hazard statements
(E,Z)-2,13-Octadecadienal acetate	0.35	99577-57-8		Skin Sens. 1 H315: May cause an allergic skin reaction Aquatic Acute 1 H401: Toxic to aquatic life
(E)-2-Octadecenal	0.15	51534-37-3		
Inerts	99.5	-	-	Non - hazardous

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

#### Inhalation

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

#### Skin contact

In case of contact, wash skin with soap and water.

#### Contact with eyes

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

#### Ingestion

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


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

May cause discomfort if product gets into eyes.

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

None noted

## 5. FIREFIGHTING MEASURES

	Document	SDS292 Exosex CL Tab
	Version	-XX-English-r2
<b>Safety Datasheet</b> (according to EC regulation 453/2010/EC)		Supersedes SDS292 Exosex CL Tab - XX-English-r1
<b>Exosex® CLTab</b>		Date 28-07-11

**5.1. Extinguishing media**

Suitable extinguishing media: Carbon dioxide, dry chemical powder, foam, water.

Unsuitable extinguishing media: None

**5.2. Special hazards arising from the substance or mixture**

No data

**5.3. Advice for firefighters**

Protective equipment, boots overalls, gloves, eye and face protection approved for fire fighting must be worn.

**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. 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**

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.

**6.4. Reference to other sections**

Not required

**7. HANDLING AND STORAGE**

**7.1. Precautions for safe handling**

Avoid contact with powder when handling the dispensers.

If irritation occurs, wash with water and soap and seek medical advice if the irritation persists.

Do not eat, drink or smoke whilst handling this product

Wash hands after use

**7.2. Conditions for safe storage, including any incompatibilities**

Store unopened at or below 4°C. Use within 12 months. After removal from cold storage use within 2 weeks. Once opened, use immediately.

**7.3. Specific end use(s)**

For use in the enhancement of Clothes moth monitoring traps.


**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

No occupational exposure limit values have been assigned.

**8.2. Exposure controls**

Eye protection: Not required in normal use

	Document	SDS292 Exosex CL Tab
	Version	-XX-English-r2
<b>Safety Datasheet</b> (according to EC regulation 453/2010/EC)	Supersedes	SDS292 Exosex CL Tab - XX-English-r1
<b>Exosex® CLTab</b>	Date	28-07-11

Skin protection/Hand protection	Nitrile gloves to EN374 are recommended
Respiratory protection	Not required in normal use
Thermal hazards	Not required

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties


Appearance:	Off-white powdery tablet.
Odour:	Fatty, waxy
Odour threshold	Not available
pH	Not applicable to solids
Melting point/freezing point:	82 °C - 86 °C
Initial boiling point / boiling point range	Not available
Flash point:	271 – 315 °C (closed cup)
Evaporation rate	Not applicable – not volatile
Upper/lower flammability or explosive limits:	
Minimum Ignition energy	3-4 mJ
Vapour pressure	Not applicable to solids
Vapour density	Not applicable to solids
Relative density:	1g/cm <sup>3</sup>
Solubility(ies):	Soluble in n-hexane, sparingly soluble in acetone, ethanol Insoluble in water
Partition coefficient n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not applicable to solids
Explosive properties	Not classed as an explosive
Oxidising properties	Not oxidising

### 9.2. Other information

None noted

## 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: | None   |
| 10.4. Conditions to avoid:                | Temperatures in excess of 50 °C, melts at 82 °C - 86 °C  |
| 10.5. Incompatible materials:             | None   |
| 10.6. Hazardous decomposition products:   | None   |

	Document	SDS292 Exosex CL Tab
	Version	-XX-English-r2
<b>Safety Datasheet</b> (according to EC regulation 453/2010/EC)	Supersedes	SDS292 Exosex CL Tab - XX-English-r1
<b>Exosex® CLTab</b>	Date	28-07-11

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects (for active substance)

#### Acute toxicity

No data

No toxicological hazard is expected from use of this product (used in accordance with label instructions) based on toxicity data for the technical pheromone and content in this product.

#### Irritation

Irritating to rabbit skin, not irritating to rabbit eye.

#### Corrosivity

Not corrosive

#### Sensitisation

Not a skin sensitizer in tests with guinea pigs

#### Repeated dose toxicity

No data. Similar straight chain lepidopteran pheromones in this class are not toxic in repeated dose (see EU directive 2008/127/EC).

#### Carcinogenicity

No data. Similar straight chain lepidopteran pheromones in this class are not carcinogenic (see EU directive 2008/127/EC).

#### Mutagenicity

No data. Similar straight chain lepidopteran pheromones in this class are not mutagenic (see EU directive 2008/127/EC).

#### Toxicity for reproduction

No data. Similar straight chain lepidopteran pheromones in this class are not reprotoxic (see EU directive 2008/127/EC).

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity (for active substance)

EC50 (rainbow trout)	Not available
EC50 Daphnia	Not available
EC50 Green Algae	Not available
LD50 Bees	Not available

**12.2. Persistence and degradability:**  
(For mixture) Not relevant; exposure falls within naturally occurring background levels.

**12.3. Bioaccumulative potential:**  
(For mixture) Not relevant; exposure falls within naturally occurring background levels.

**12.4. Mobility in soil:** Not mobile in soil.

**12.5. Results of PBT and vPvB assessment:** The mixture does not fulfill the criteria for being regarded either as a PBT or vPvB substance.


**12.6. Other adverse effects:** No other adverse effects are observed.

## 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Product waste is not classified as hazardous/special waste and can be sent to landfill or incineration. Packaging should be disposed of in accordance with local regulations.

Do not dispose into sewers.

 <b>exosect</b> <sup>®</sup> Intelligent Pest Management	Document	SDS292 Exosex CL Tab
	Version	-XX-English-r2
<b>Safety Datasheet</b> (according to EC regulation 453/2010/EC)	Supersedes	SDS292 Exosex CL Tab - XX-English-r1
<b>Exosex<sup>®</sup> CL<i>Tab</i></b>	Date	28-07-11

**14. TRANSPORT INFORMATION**

Not classified as hazardous for transport.

**15. REGULATORY INFORMATION**

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

None noted

**15.2. Chemical safety assessment**

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

**16. OTHER INFORMATION**

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.

This version replaces all previous versions.