

DOCUMENT NO **MSDS011****MATERIAL SAFETY DATASHEET**

ISSUE NO 4.0

(according to EC Directive 2001/58/EC)

**EXOSEX SP<sub>Tab</sub>**

DATE 25/02/09

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Identification of the substance/preparation**

Tradename	Exosex SP <sub>Tab</sub>
Code number	E290
Use	<b>Mating disruption of stored product lepidoptera</b>
Company	Exosect Limited, Leylands Business Park, Colden Common, Winchester, SO1 1TH, <u>UK</u>
Emergency telephone	+44 (0) 2380 603939

**2. COMPOSITION / INFORMATION ON INGREDIENTS****2.1 General description**

Compressed powder unit containing insect pheromone attractant.

**2.2 Composition of product.**

Component	CAS No.	Concentration (%w/w)	Hazard Symbols	Risk Phrases
Z,E-9,12-Tetradecadien-1-yl Acetate	30507-70-1	1.0	Xi, N	R38, R51/53
Inert (food grade) ingredients		99.0	None	None

**3. HAZARDS IDENTIFICATION (for active ingredient)**

Irritating to skin, harmful to aquatic organisms, may cause long-term effects in the aquatic environment.

**4. FIRST AID MEASURES****4.1 Special measures**

No special first aid measures.

**4.2 Inhalation**

In case of accident by inhalation: remove casualty to fresh air and keep at rest

**4.3 Skin contact**

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

**4.4 Eye contact**

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**4.5 Ingestion**

If swallowed, seek medical advice immediately and show this container or label.

When seeking medical attention, have the product container or label with you.

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**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Carbon dioxide, dry chemical powder, foam.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions**

Avoid contact with skin, eyes and clothing, use personal protective equipment.

In the event of a large spillage, collect the material and dispose of safely (refer to section 13).

**7. HANDLING AND STORAGE****Handling:** No special handling advice required. When using, do not eat, drink, or smoke. Refer to application instructions when using this product.**Storage:** The product should be stored at cool or ambient conditions (<25 °C). Do not open until ready to use. Keep away from food, drink or animal feed and prevent contamination with other materials. Keep away from heat, strong sunlight or sources of ignition.**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Technical protective measures**

No special safety measures required.

**Exposure control limits**

Not established.

**Personal protection****General protection**

Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling and before consuming food or smoking.

**Hand protection**

Rubber type gloves are recommended when handling this product.

**Eye protection**

Not required for product use.

**Skin protection**

No special clothing required but avoid contamination and wash clothing after use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance and odour	<b>Off-white powder. Fatty waxy odour.</b>
Flash point	<b>271 – 315 °C.</b>
Melting Point:	<b>82 °C - 86 °C.</b>
Solubility in organic solvents:	<b>Sparsingly soluble when cold, more soluble when hot.</b>

**10. STABILITY AND REACTIVITY**

Stable at ambient temperatures. Stable under environmental conditions (sunlight, rainfall, wind). Avoid contact with strong oxidisers, solvents and acids.

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Toxicity data has not been established for the pheromone active ingredient, it is a straight chain lepidopteran pheromone, a class of pheromones with no expected risks to human health or non target organisms. No toxicological hazard is expected from use (in accordance with label instructions) based on toxicity data for the technical pheromone and its content in this product.

**12. ECOTOXICOLOGICAL INFORMATION (for active ingredient)**

Pheromone active ingredient is quickly degraded under normal conditions. No ecotoxicological hazard is expected from use (when used in accordance with label instructions) based on toxicity data for the technical pheromone and its content in this product.

**13. DISPOSAL**

The powder is made from ingredients that will biodegrade in time. There is no requirement to recover it at the end of its use. Packaging should be disposed of in accordance with relevant legislation.

**14. TRANSPORT INFORMATION**

Non-hazardous materials. Follow all relevant legislation.

**15. REGULATORY INFORMATION**

Based on toxicological studies in the published literature there are no hazard symbols or risk phrases to assign for this pheromone product.

<b>Risk Phrases (R)</b>	<b>None</b>
<b>Safety Phrases (S)</b>	<b>2 Keep out of reach of children</b>
	<b>13 Keep away from food, drink and animal feeding stuffs</b>
	<b>20/21 When using do not eat, drink or smoke</b>

**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.