

**PRODUCT DATA SHEET**

Version: 2

Date: 19-02-2010

**PRODUCT: Bee-Patch****1. Product and producer**

Brand	Patch: Bee-Patch, product ID no.: 20090601
Producer	Bee-Patch ApS (Made in China: <a href="http://www.yoniner.com">www.yoniner.com</a> )
Tel	+45 2165 9416
E-mail	<a href="mailto:info@bee-patch.com">info@bee-patch.com</a>
Contact person	Martin Wenckens
Use	Instant treatment of stings from bees and wasps

**2. Composition**

Outer layer:	Polyethylene (PE)
Glue:	KOTAC-50
Absorption mat:	Non woven
Active component:	250 mg sucrose (77 mg/cm <sup>2</sup> )

**3. Important hazards**

No risk has been found under clinical test or during common use or storage of the patch.

**4. First aid**

General: None

Inhalation: None

Skin contact: In case of skin irritation remove the patch

General information:

Bee-Patch contains only sucrose and does not cause any threat during use.  
Irritation of the skin can occur but have not been observed upon use.

**5. Precautions during fire extension**

Suitable:

All Types

Unsuitable:

None

Fire and explosion risk:

None

Personal safety equipment during fire extension:

None

Any distinct procedures during fire extension:

None

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**6. Precautions during waste**

Precautions to protect people:

None

Precautions to protect the environment:

None

Suitable methods to minimise damage and leak:

None

General:

Bee-Patch contains sucrose encapsulated in a membrane.

**Handling and storage**

Special precautions:

None

Handling manual:

None

Storage:

Dry, best between 15-30°C

Other information:

Bee-Patch is packed in a sealed and sterile packet. A plastic packet contains 5 pcs of patch. Cardboard contains 1 pcs. Should be kept and handled safe to avoid mechanical or any other damage.

**7. Exposure control and personal security equipment**

Exposure control:

None

Respiratory equipment:

None

Eye protection:

None

Skin protection:

None

**8. Physical and chemical properties**

Physical form	PE-patch 0.1x38x38 mm with a sugar membrane 1x18x18 mm containing ca. 250 mg sucrose ( $\pm 10\%$ ) in dry form.
Colour	The upper side of the patch is yellow with 2 black lines across the patch
Odour	None
Protecting layer	Silicone paper
Wrapping	Upper side: translucent layer with glue film ( $1.24 \text{ g/m}^2$ ) strength: 1.18N/25m, lower side: white paper with glue film ( $4.12 \text{ g/m}^2$ ) strength: 1.32N/cm.

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Plastic box	PE, yellow with 2 black lines across the box. Size: 15-20x75x75 mm.
Mp of sugar	185-187°C
pH	~6,5
Spontaneous ignition	The product cannot self ignite
Solubility	The sugar in the patch is 100 % soluble in water

**9. Stability and reactivity**

Stability:

In the sealed package the patch is stable in a broad temperature range.  
The patch shall be kept dry.

Reactivity:

The sugar membrane can absorb water.

Dangerous decompose products:

None

Other information:

The patch has been tested by SGS for stability with a shelf life of 4 years in the sealed packet.

**10. Sanitary information's**

General:

Bee-Patch is not considered unhealthy in any way.

Inhalation:

Not dangerous

Skin contact:

Not dangerous

Eye contact:

Rinse with water for 5 min.

Digestion:

If the product is digested by mistake there are no risk or first aid precautions. Except for sugar the patch is not biodegradable or toxic.

Chronic effect:

None

Hypersensitive:

People with hypersensitive skin can observe a momentary redness of the skin.

Mutagenic (against KOTAC-50):

None

Cancer:

None

Reproduction:

No effect

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Other health information:  
No known

**11. Environmental considerations**

Mobility:

None

Decomposition:

Complete degradable

Accumulation:

No effect

Environmental toxicity:

None

Other effects:

None

**12. Waste**

Waste after use:

Can be thrown out with normal waste

Category:

No particular

**13. Information concerning Freight transportation**

Road:

No special concerns to be taken

Railway:

No special concerns to be taken

Ship:

No special concerns to be taken

Air freight:

No special concerns to be taken

**14. Information concerning legal entity**

Bee-Patch is a patch to acute treatment of stings from bees and wasps. The product is classified as medicinal equipment class I, rule 4. The patch follows the rules concerning CE registration in Denmark. (Law 93/42/EEC and supplement in law 2007/47/EC, Annex VII).

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**15. Other information**

For more information

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