According to 453/2010 and 1272/2008 and 1999/45/EG
Date of last issue: 07-10-2013

1. Identification of the substance/preparation and of the company/undertaking

**Trade Name:** Smoke-Pen  
**Use:** Smoke for airflow studies, leakage test.  
**Manufacturer:** BJÖRNAX AB  
**Address:** STRÅSSA FÖRETAGSSBY, S-711 77 STRÅSSA SWEDEN  
**Tel:** +46 581 43150  
**Fax:** +46 581 43206  
**Issued by:** TORBJÖRN FREDRIKZON

2. Hazards Information

**Stick in solid form:** Non.  
**Special risks:** Non.  
**Generated smoke:**  
Inhalation: Prolonged exposure or misuse can cause irritation.  
Eyes: Prolonged exposure or misuse can cause irritation.

3. Composition Information

<table>
<thead>
<tr>
<th>Material</th>
<th>EC-No:</th>
<th>CAS-No:</th>
<th>Content %</th>
<th>Symbols</th>
<th>R-phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stearic Acid</td>
<td>2003134</td>
<td>57-11-4</td>
<td>6-10 %</td>
<td>Non</td>
<td>Non</td>
</tr>
<tr>
<td>Pure Cotton</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. First Aid Measures

**Smoke Stick in solid form:**  
**General recommendation:** Bring this safety data sheet when seeking medical advice.  
**Ingestion:** Not applicable.  
**Skin contact:** Not applicable.  
**Eyes:** Not applicable.  
**If swallowed:** If parts or complete product has been swallowed, do not induce vomiting, seek medical advice.

**Smoke:**  
**General recommendation:** Bring this safety data sheet when seeking medical advice.  
**Ingestion:** Fresh air, if symptoms persist seek medical advice.  
**Skin contact:** Wash with soap and water.  
**Eyes:** If irritation occurs rinse eyes with water for 5 minutes.

5. Fire-Fighting Measures

**Suitable fire fighting media:** Water.  
**Safety Equipment for fire fighters:** Normal protection equipment.  
**Unusual Fire Hazards:** None specific.

6. Accidental Release Measures

**Personal:** None specific.  
**Environmentally:** Non specific, collect product/products.  
**Contamination cleanup:** Non specific.
### 7. Handling and Storage

- **Storage precautions**: Non specific.
- **Storage**: Store dry.
- **Recommendation for safety handling**: Non specific.

### 8. Exposure Control and Personal Protection

- **Breathing Protection**: At improper ventilation use a particle filter mask class P2. All kinds of generated smoke consists of solid or liquid particles, why it is recommended to use a particle mask at longer participation in smoke filled rooms.
- **Hygienic levels, particles / m³ in surrounding air**: See national exposure limits.
- **Hygiene**: Non specific.

### 9. Physical and Chemical Qualities

- **Appearance**: Medium hard to soft stick depending on product No.
- **Colour**: Beige.
- **Smell**: Minimal
- **Ignition point**: over 200 °C

### 10. Stability and Reactivity

- **Smoke Stick**: Stable at recommended storage.
- **Smoke**: Stable in normal conditions.

### 11. Toxicological Information

- **General information**: Non specific.
- **Ingoing hazardous chemicals**: Non.

### 12. Eco-Toxicological Information

- **General information**: The complete product has not been eco-toxicological tested. No environmental hazard is anticipated provided that the product is handled and disposed of with due care and attention.
- **Ingoing hazardous chemicals**: Non.

### 13. Disposal Considerations

- **Used product**: Residue after complete combustion may be disposed with household waste, always make sure that product is completely turned out.
- **Unused or broken products**: May be disposed as general household waste.

### 14. Transport Information

- Product is not classified as dangerous goods acc to: ADR / RID / IMO / DGD.

### 15. Regulatory Information

- No marking necessary.

### 16. Other Information

- The user of this product must decide if the information in this safety data sheet is sufficient for which the product will be used.