



**1. Commercial product name and company identification**

- 1.1 Commercial product name **CEKA SOL FILIGRAN**
- 1.2 Company ALPHADENT NV, Textielstraat 24,  
8790 Waregem, Belgium, + 32 (0)56 629 100
- 1.3 Emergency contact Belgian Poison Control Centre (24 hours)  
**070 245 245**  
or call a poison control centre in your area

**2. Composition**

- 2.1 Chemical characterization Metal alloy.  
Mixture: consisting of the following components
- 2.2 Hazardous components
- Copper**  
CAS / EINECS 7440-50-8 / 231-159-6
- Indium**  
CAS / EINECS 7440-74-6 / 231-180-0
- Zinc powder / zinc dust (pyrophoric)**  
CAS / EINECS 7440-66-6 / 231-175-3
-  F,  N; R 15-17-50/53
- Gold**  
CAS 7440-57-5
- 2.3 Further information For the wording of the listed risk phrases refer to section 16. For incorporated flux, see Safety Data Sheet of CEKA SOL FLUX 1.

**3. Hazards identification**

**Hazard description:** Not applicable.

**Information concerning particular hazards for human and environment:**  
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

**Classification system:**  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

#### 4. First aid measures

- |     |                     |   |
|-----|---------------------|---|
| 4.1 | Eye contact         | Rinse opened eye for several minutes under running water. |
| 4.2 | Skin contact        | Generally the product does not irritate the skin.         |
| 4.3 | Ingestion           | If symptoms persist, consult a doctor.                    |
| 4.4 | Inhalation          | Supply fresh air; consult a doctor in case of complaints. |
| 4.5 | General information | No special measures required.                             |

#### 5. Fire-fighting measures

- |     |  |   |
|-----|--|---|
| 5.1 | Suitable extinguishing media                       | CO <sub>2</sub> , powder or water spray. Fight larger fires with water spray or alcohol resistant foam. |
| 5.2 | For safety reasons unsuitable extinguishing agents | Not applicable  |
| 5.3 | Protective equipment                               | No special measures required  |

#### 6. Accidental release measures

- |     |                                       |                                       |
|-----|---------------------------------------|---------------------------------------|
| 6.1 | Person-related safety precautions     | Avoid formation of dust.              |
| 6.2 | Measures for environmental protection | No special measures required          |
| 6.3 | Measures for cleaning/collecting      | Pick up mechanically.                 |
| 6.4 | Additional information                | No dangerous substances are released. |

#### 7. Handling and storage

- |     |          |                              |
|-----|----------|------------------------------|
| 7.1 | Handling | No special measures required |
| 7.2 | Storage  | No special requirements      |

#### 8. Exposure controls / personal protection

- |     |  |   |
|-----|--|---|
| 8.1 | Additional information about design of technical facilities            | No further data; see item 7.  |
| 8.2 | Ingredients with limit values that require monitoring at the workplace | <p><b>7440-50-8 copper</b></p> <p>WEL (UK) Short-term value: 2** mg/m<sup>3</sup><br/>           Long-term value: 0.2* 1** mg/m<sup>3</sup><br/>           *fume **dusts and mists (as Cu)</p> <p>The lists valid during the making were used as basis for this document.</p> |

8.3	Personal protective equipment	The usual precautionary measures are to be adhered to when handling chemicals
8.3.1	Respiratory protection	Not necessary if room is well-ventilated.
8.3.2	Hand protection	Not required
8.3.3	Eye protection	Not required
8.3.4	Skin protection	Not required

## 9. Physical and chemical properties

9.1	Form	Solid
9.2	Colour	Yellow
9.3	Odour	Odourless
9.4	Change in condition	Melting range: 780-820 °C
9.5	Flash point	Not applicable
9.6	Ignition temperature	430 °C
9.7	Self-igniting	Product is not self-igniting.
9.8	Danger of explosion	Product does not present an explosion hazard.
9.9	Density	Not determined
9.10	Solubility in / Miscibility with water	Insoluble

## 10. Stability and reactivity

10.1	Stability	No decomposition if used according to specifications.
10.2	Hazardous reactions	No dangerous reactions known
10.3	Hazardous decomposition products	No dangerous decomposition products known.

## 11. Toxicological information

11.1	Acute toxicity	
11.2	Primary irritant effect:	
	- on the skin:	No irritating effect
	- on the eye:	No irritating effect
11.3	Sensitization	No sensitizing effects known.
11.4	Additional toxicological information	The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

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12. Ecological information	Generally not hazardous for water.
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13. Disposal considerations	<p><b>Product</b> <b>Recommendation:</b> Smaller quantities can be disposed of with household waste.</p> <p><b>Uncleaned packaging</b> <b>Recommendation:</b> Disposal must be made according to official regulations.</p>
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14. Transport information	Not regulated
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15. Regulatory information	<p><b>Labelling according to EU guidelines:</b> Observe the general safety regulations when handling chemicals. The product has not been classified and marked in accordance with EU Directives / respective national laws. 2004/73/CE; 2006/8/CE</p> <p><b>Special labelling of certain preparations:</b> Safety data sheet available for professional user on request.</p>
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16. Other information	<p><b>Relevant R-phrases</b> 15 Contact with water liberates extremely flammable gases. 17 Spontaneously flammable in air. 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p>
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The above-mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description in regard to necessary safety measures. The indications have not the meaning of guarantees on properties.

Ref. 91/155/EEC