Section 1: Product and company.

Product: AROXA™ Wine Flavour Standards


Manufacturer: Cara Technology Limited

Address: Cara Technology Limited
Leatherhead Enterprise Centre
Randalls Road
Leatherhead
Surrey
KT22 7RY
UK

Emergency phone: +44 1372 822 218
Fax: +44 1372 821 529
Email: aroxa@cara-online.com

Product use: Used to develop flavour recognition and scaling skills in wine tasters.

Section 2: Composition/information on ingredients.

Ingredients: Sucrose, modified starch, flavouring.

Section 3: Hazards identification.

Hazards: There are no hazards associated with the use of AROXA™ Wine Flavour Standards when used as directed. These standards do not contain any substances presenting a health hazard within the meaning of the Dangerous Substances Directive 67/548/EEC.

Section 4: First aid measures.

Eyes: In case of eye contact, immediately irrigate with copious amounts of fresh water.

Section 5: Fire-fighting measures.

Extinguishing media: Water spray. Carbon dioxide, dry chemical powder or appropriate foam.
## Section 6: Accidental release measures.

Accidental release measures:
Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete. Observe all federal, state and local laws.

## Section 7: Handling and storage.

Handling and storage:
Store in cool dry place at <30°C. Do not freeze.

## Section 8: Exposure controls/personal protection.

- **Engineering controls:** No specific measures necessary.
- **Respiratory protection:** Avoid inhalation of dust.
- **Eye protection:** Avoid contact with eyes.
- **Skin protection:** No specific measures necessary.
- **Other protective clothing or equipment:** No specific measures necessary.

## Section 9: Physical and chemical properties.

- **Appearance:** White crystalline, free flowing powder.
- **Odour:** No odour or a faint flavour-specific odour.
- **Physical state:** Flavours are presented in the form of pre-weighed powder in capsules.
- **Solubility:** Freely soluble in water.

## Section 10: Stability and reactivity.

- **Stability:** Stable.
- **Incompatibility (material to avoid):** Strong oxidizing agents.
- **Hazardous combustion or decomposition products:** Carbon monoxide, carbon dioxide.
- **Hazardous polymerization:** Hazardous polymerization will not occur.

## Section 11: Toxicological information.

**Toxicological information: Sucrose**
- Oral-rat LD: 29700 mg/kg
- Txapa9: 7,609,1965
- Ipr-mus LD: 14000 mg/kg
- Pcjoau: 15,139,1981

## Section 12: Ecological information.

**Ecological information:** No relevant studies identified.
**Section 13: Disposal considerations.**

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<tr>
<td>RCRA hazard class:</td>
<td>None.</td>
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**Section 14: Transport information.**

| Transport information:        | No precautions needed.   |

**Section 15: Regulatory information.**

| Risk phrases:                 | This product is not classified according to the EU regulations. |

**Section 16: Other information.**

<table>
<thead>
<tr>
<th>Revision date:</th>
<th>This MSDS was revised on 2 February 2015.</th>
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<tbody>
<tr>
<td>Other information:</td>
<td>Flavours are presented in the form of pre-weighed powder in gelatine capsules.</td>
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<tr>
<td>Preparation information:</td>
<td>Dissolve one capsule in 750 ml of wine or water.</td>
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<tr>
<td>Disclaimer:</td>
<td>The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide.</td>
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