



# MATERIAL SAFETY DATA SHEET

## AROXA™ CIDER FLAVOUR STANDARDS

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### Section 1: Product and company.

Product:	AROXA™ Cider Flavour Standards
Product codes:	CI-64-19-7, CI-75-07-0, CI-431-03-8, CI-107-92-6, CI-95-56-7, CI-77-92-9, CI-CONTROL, CI-87-65-0, CI-75-18-3, CI-141-78-6, CI-123-66-0, CI-123-07-9, CI-101-97-3, CI-7782-63-0, CI-23333-91-7, CI-90-05-1, CI-4313-03-5, CI-7783-06-4, CI-120-72-9, CI-503-74-2, CI-38462-22-5, CI-75-08-01, CI-504-60-9, CI-83-34-1, CI-56038-13-2, CI-607-99-8, CI-87-40-1
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 cider tasters.

### Section 2: Composition/information on ingredients.

Ingredients:	Sucrose, modified starch, flavouring.
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### Section 3: Hazards identification.

Hazards:	There are no hazards associated with the use of AROXA™ Cider 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.
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### Section 4: First aid measures.

Eyes:	In case of eye contact, immediately irrigate with copious amounts of fresh water.
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### Section 5: Fire-fighting measures.

Extinguishing media:	Water spray. Carbon dioxide, dry chemical powder or appropriate foam.
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### 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.



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### Section 13: Disposal considerations.

Waste disposal method: Standard waste disposal.

RCRA hazard class: None.

### 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.

Revision date: This MSDS was revised on 2 February 2015.

Other information: Flavours are presented in the form of pre-weighed powder in gelatine capsules.

Preparation information: Dissolve one capsule in one litre of cider or water.

Disclaimer: The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide.