

# MATERIAL SAFETY DATA SHEET

## DISCOVERY™ FLAVOUR STANDARDS



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### Section 1: Product and company.

Product:	DISCOVERY™ Flavour Standards
Product codes:	All Discovery™ 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 evaluate the suitability of experimental flavour standards for development of flavour recognition and scaling skills in 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™ Beer 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.
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### 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 water or the product of your choice. Adjust concentration to suit your application.

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.