Section 1: Product and company.

Product: AROXA™ Beer Flavour Standards


Manufacturer: Cara Technology Limited

Address: Cara Technology Limited
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Product use: Used to develop flavour recognition and scaling skills in beer 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™ 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.

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
Section 12: Ecological information.

Ecological information: No relevant studies identified.

Section 13: Disposal considerations.

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 11 March 2015.

Other information: Flavours are presented in the form of pre-weighed powder in gelatine capsules. They comply with the recommendations of both the American Society of Brewing Chemists and the European Brewery Convention.

Preparation information: Dissolve the contents of one capsule in one litre of beer 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.