



**MSDS Name** GMP Flavour and Reference Standard Material Safety Data Sheet  
**Document Code** FA\_GMP\_FS\_MSDS\_09  
**Revision Number** 011  
**Revision Date** 29th August 2017

#### Notification

##### Material Safety Data Sheet Notice:

This MSDS is prepared according to EU REACH requirements as a customer courtesy only. FlavorActiV™ Flavour Standards, Reference products and Validation / Proficiency Packs are sensory training aids and do not fall under the scope of REACH.

This MSDS is not legally required and is exempt from compliance and conformity associated with REACH. This document has been compiled to reflect the REACH requirements though.

#### Section 1: Product and Supplier Information

##### This MSDS Covers the Following Products:

- FlavorActiV™ GMP Flavour Standards
- FlavorActiV™ Beverage Taster Evaluation Packs
- FlavorActiV™ GMP Taster Validation Packs
- FlavorActiV™ GMP Sensory Panellist Proficiency Packs
- FlavorActiV™ GMP Taster Validation Rank Rating Packs
- FlavorActiV™ GMP Flavour Stability Reference Standards
- FlavorActiV™ GMP Off Note Training Kits

### Section 1: Product and Supplier Information

Product Use:	Used to develop flavour recognition skills in beverage sensory panels.
Supplier:	FlavorActiV Limited
Address:	FlavorActiV Limited, Sanderum House, Oakley Road, Chinnor, Oxon, OX39 4TW, UK. Company No. 3205545.
Emergency Telephone Number:	+44 (0)1844 396 113 (Available: GMT 8:00 - 17:00 hrs)
Fax:	+44 (0)1844 399 430
Email:	enquiries@flavoractiv.com

### Section 2: Hazards Identification

Hazardous ingredients:	These products do not contain any substances presenting a health hazard within the meaning of the Dangerous Substances Directive 67/548/EEC and are exempt from REACH.
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### Section 3: Composition/information on ingredients.

Composition / Information on Ingredients:	<p>The main constituent in these products should be considered to be sucrose (CAS No. 57-50-1).</p> <p>These materials are food grade and considered nonhazardous under EU directives and as such is not classified under REACH</p> <p>These products are not foodstuffs - only reference materials for beverage taster evaluation.</p>
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### Section 4: First aid measures.

Eyes:	In case of eye contact, immediately irrigate with copious amounts of fresh water. Seek medical assistance if irritation continues.
Inhalation:	Remove from source of dust to fresh air.

### 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:	<p>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.</p> <p>Can generally be disposed of via normal waste or by rinsing into drainage systems.</p>
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### Section 7: Handling and storage.

Handling and storage	<p>Store in cool dry place at &lt; 30°C and below 50% RHD if possible. Do not freeze.</p> <p>Avoid storing in areas with strong odours and exposed to light. Store away from food and beverages.</p>
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### Section 7: Handling and Storage

General Occupational Hygiene:	Handle and prepare as foodstuffs. Ensure a clean preparation area, ensure your hands are clean and all equipment is clean before use.  Wash hands thoroughly after using. Avoid breathing any dust generated.
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### 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:	Sealed Gelatine capsule containing: white crystalline, free flowing powder. Capsules are sealed in a blister pack.
Odour:	No odour or a faint flavour-specific odour in accordance with section 1 per product.
Odour threshold:	Low, nonhazardous
pH:	Neutral
Melting Point:	160-180 °C
Initial boiling point:	N/A
Flashpoint:	N/A
Evaporation rate:	N/A
Flammability:	N/A
Lower Explosive Limit:	Dust 20 g/m <sup>3</sup>
Upper Explosive Limit:	Dust 15 kg/m <sup>3</sup>
Vapour pressure (mm Hg):	N/A
Vapour density (AIR = 1):	N/A
Relative density:	801 kg/cu.m
Solubility:	2.07 grams per gram water
Auto-ignition temperature:	N/A
Decomposition temperature:	160-180 °C
Viscosity:	N/A
Explosive properties:	Explosive as a dust in a confined space in the presence of an ignition source.  Volume of material supplied too low to be an explosive hazard within normal use.
Oxidising properties:	N/A

### Section 10: Stability and reactivity.

Stability:	Stable.
Incompatibility (material to avoid):	Strong oxidizing agents. High temperature and open flames.
Hazardous combustion or decomposition products:	Carbon monoxide, carbon dioxide.
Hazardous polymerization:	Hazardous polymerization will not occur.

### Section 11: Toxicological information.

Oral (Rat LD 50):	29700 mg/kg, Txapa9: 7,609,1965, lpr-mus LD: 14000 mg/kg, Pcjoau: 15,139,1981.
Acute toxicity:	Weakly irritating to eyes and skin on contact. Inhalation may cause weak irritation to lungs and mucus membranes.
Chronic toxicity:	No known chronic effects via repeated exposure. Not classified as a carcinogen. No effect on reproduction. No germ cell mutagenicity.

### 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.  Substances are not subjected to the UN Recommendations on the Transport of Dangerous Goods.
UN number:	N/A

### Section 15: Regulatory information.

Risk phrases:	This product is not classified according to the EU regulations / REACH.
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### Section 16: Other information.

Revision date:	This MSDS was revised on 29th August 2017. This MSDS is valid for 10 years or until revised.  Revision centralises product lines by type and includes future products. Addition of REACH disclaimer.
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.  FlavorActiV™ shall not be held liable for any damage resulting from handling or from contact with the above product.
Comments:	This MSDS covers all GMP flavour standards within different product variations and packaging. It should not be used as individual product information but only for material safety and handling purposes only.
Manufacturer:	FlavorActiV™ flavour standards are manufactured by Quay Pharma ( <a href="http://www.quaypharma.com">www.quaypharma.com</a> ).