

Safety Data Sheet

Keipa Hydr8 Orange and Mango Flavoured Hydration Powder

Product Code S114288/2

Classified as Hazardous according to the NOHSC Approved Criteria for Classifying Hazardous Substances (NOHSC:1008)

1. IDENTIFICATION OF THE MATERIAL AND COMPANY

Product Name	Keipa Hydr8 Orange and Mango Flavoured Hydration Powder
Product Code	S114288/2
Other Names	
Product Use	Use according to instructions given in the product specification sheet.
Product Type	Powder Pre-Mix
Company Name	Flavour Makers Pty Ltd
Company Address	91 - 97 Woodlands Drive Braeside, Victoria 3195 Australia
Telephone Number	61 3 9580 3344
Fax Number	61 3 9580 4222
Emergency & Technical Contact Name	Tim Wilson
Contact Address	91 - 97 Woodlands Drive Braeside, Victoria 3195 Australia
Contact Number	03 98503344
Product Safety Guide	This product contains ingredients that are approved and classified for use in food.

2. HAZARDS IDENTIFICATION

Hazard Classification	This material has not been tested for health hazards. Not intended for direct consumption.
Route(s) of Entry	Ingestion Eye Contact Skin Contact Inhalation
Signs and Symptoms of Exposure	No specific data available. Any signs or symptoms associated with skin irritation, eye irritation, gastro-intestinal tract and respiratory system discomfort.
Medical Conditions Generally Aggravated by Exposure	No specific data available. May also accentuate any pre-existing skin conditions. Open cuts, abraded or irritated skin should not be exposed to this material.
Human Health effects	This material has not been tested for health hazards. Not intended for direct consumption.
Safety Hazards	This material is classified as combustible powder. May burn but does not ignite readily.
Environmental Hazards	No specific hazard when used under normal conditions.
Other Information	No human exposure data available. For this reason, health effects described are based on experience with food ingredients and chemically related materials. As with any chemical product, contact with unprotected bare skin, inhalation of dust at workplace atmosphere, ingestion in any form, should be avoided by observing good occupational work practices.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Product Characterization Powder

Information on Composition One hazardous ingredient present in this product in a quantity which exceeds the lowest relevant concentration cut-off level specified for the hazard classification according to NOHSC.

Ingredients

Name	CAS	Proportion	Hazard Symbol	Risk Phrase
Orange Oil	8008-57-9	<1% w/w	Xi; Xn	R36/37/38; R42/43

Product Formal Name Powder Pre-Mix

4. FIRST AID MEASURES

Inhalation Remove victim from contaminated area and into fresh air. Seek medical advice if symptoms persist.

Ingestion Give plenty of water to drink. Do not induce vomiting. Seek medical advice if symptoms persist.

Skin Remove contaminated clothing and wash affected skin with soap and water. Seek medical advice if symptoms persist.

Eye Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical advice if symptoms persist.

First Aid Facilities An eye wash fountain, safety shower and a general washing facility should be available adjacent to the work area.

Advice to Doctor Treat symptomatically. Aspiration into the lungs may cause chemical or dust pneumonitis. In case of ingestion, monitor for acidosis and central nervous system changes.

Protection for First Aiders Not required under normal conditions

5. FIRE FIGHTING MEASURES

Extinguishing Media	<i>Extinguish fire with the following:</i> Water Fog or Spray, Foam, Dry Chemical Powder or Carbon Dioxide
Specific Hazards	Carbon monoxide may evolve if incomplete combustion occurs. May burn but do not ignite readily. Closed containers may build-up pressure and / or explode at elevated temperatures. Fire may produce irritating, poisonous and / or corrosive gases.
Precautions in Connection with Fire	If safe to do so, remove containers from the path of fire. Ventilate enclosed spaces before entering. Do not inhale the vapour and smoke from combustion. Use water spray only to disperse vapour.
Unsuitable extinguishing Media	
Protective Equipment	Fire fighters should wear full protection and breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Ventilate contaminated area thoroughly. Extinguish naked flames. Do not breath the vapour or smoke. Avoid contact with skin, eyes, nose and mouth.
Personal Protection	Wear protective clothing specified for normal operations (see Section 8).
Environmental Precautions	Do not discharge directly into drains, into soil or into aquatic environment.
Clean-up Methods - Small Spillages	Sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulations.
Clean-up Methods - Large Spillages	Transfer to a labelled, sealable container for product recovery or safe disposal. Treat residues as for small spillages.
Other Information	Any spillages must be cleaned up properly and promptly.

7. HANDLING AND STORAGE

Handling	Handle and open containers with care. Avoid spillages. Use only in well ventilated areas. Observe Good Manufacturing Practices.
Storage Regulations	Store in accordance with Dangerous Goods (Storage and Handling) Regulations. Have appropriate fire extinguishers available in and near the storage area.
Storage	Store unopened in a clean, cool and dry location
Other Information	Expected shelf-life is 12 months when stored according to the specified storage conditions.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits	None established
Respiratory Protection	A respirator is not normally required. Wear a dust mask. In confined spaces where build up of dust is likely, wear a half face disposable respiratory mask that conforms with Australian Standard AS1715 / 1716.
Eye Protection	Wear safety glasses or protective eyewear that conforms with Australian Standard AS1336 / 1337. Eyewash unit must be available.
Hand Protection	Wear protective gloves (PVC or nitrile rubber gloves) that conform with Australian Standard AS2161.
Footwear	Wear protective boots.
Body Protection	Wear overalls or similar protective apparel or PVC apron.
Engineering Controls	Use in well ventilated area.
Hygiene Measures	Wash hands before eating, drinking, smoking and using the toilet. Launder contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Free flowing powder
Colour	Beige
Odour	Sweet citrus
Salt (%w/w)	
Solubility (specify solvent, eg. Water)	Soluble in water (50% w/w max)
Potential for dust explosion	Avoid build up of dust in confined spaces, as there may be a risk of dust explosion.

10. STABILITY AND REACTIVITY

Chemical Stability	Stable at standard temperatures and under conditions of normal use.
Hazardous Polymerisation Material to Avoid	Will not occur
Hazardous Decomposition Product	Under specified recommended storage conditions, this product is not expected to produce hazardous decomposition products within its shelf life.
Hazardous Reactions	None identified
Conditions to Avoid	

11. TOXICOLOGICAL INFORMATION

Toxicology Information	This material has not been subjected to toxicological testing.
-------------------------------	--

12. ECOLOGICAL INFORMATION

Eco-toxicity	This material has not been subjected to ecological testing.
---------------------	---

13. DISPOSAL CONSIDERATIONS

Waste Disposal	Recover and recycle if possible. Otherwise securely package and store awaiting disposal service.
Product Disposal	Residual quantities of the product should be treated according to the instructions given under Sections 6, 7 and 8.
Container Disposal	Recycle containers if possible or dispose of in authorised landfill.
Local Legislation	The recommendations given are considered appropriate for safe disposal. However, local regulations may be more stringent and these must be complied with.
Precautions	Used products may have different properties and hazards. See Section 8.

14. TRANSPORT INFORMATION

Classified as Non-Dangerous Good according to the classification criteria of Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code)

UN Number	None Allocated
DG Class	None Allocated
Sub Risk	None Allocated
Hazchem Code	None Allocated
Packaging Method	The package is an approved package for shipment and general storage. Each package of product is identified with the product name, product code, pack size and batch number.
Packing Group	Not Applicable
UN Number (Sea Transport)	Not Applicable
IMO Class / Packing Group	Not Applicable
UN Number (Road Transport)	Not Applicable
ADR/RID Packing Group	Not Applicable
UN Number (Air Transport, ICAO)	Not Applicable
IATA/ICAO Packing Group	Not Applicable
Other Information	

15. REGULATORY INFORMATION

Hazard Symbol(s)	<i>Symbol(s)</i>	<i>Category</i>
	Xn	Harmful
	Xi	Irritant

Risk Phrase(s)	<i>Symbol(s)</i>	<i>Phrase</i>
	R36/37/38	Irritating to eyes, respiratory system and skin.
	R42/43	May cause sensitisation by inhalation and skin contact.

Safety Phrase(s)	
	Not Applicable

Packaging & Labelling	
	Classified as Hazardous according to the NOHSC Approved Criteria for Classifying Hazardous Substances (NOHSC:1008). Classified as Non-Dangerous Good according to the classification criteria of Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

16. OTHER INFORMATION

Manufacturer's Advice

We believe that the information contained herein is current as of the date of this Safety Data Sheet and is provided and compiled from the best of our knowledge available to us under relevant Australian health, safety and environmental legislation. Flavour Makers accepts no responsibility whatsoever for its accuracy or for any results that may be obtained by customers from using the data and disclaims all liability for reliance on information provided in this data sheet. It is the customer's obligation to take control of the safe use of the product according to their activities and circumstances.