

Aqualyte Solution is a dry granular powder which when mixed with water creates a highly effective fluid and electrolyte supplement (drink) for oral consumption and the prevention of dehydration. It is classified as a food for human consumption and **NOT** as a hazardous substance or chemical. Aqualyte must meet the requirements listed in the 'Food Standards Australia New Zealand Food Standards Code' that are in a package and form intended for human consumption.

Section 1 - Identification of the material and supplier

Product Identifier	Aqualyte Solution	
Other means of identification	Aqualyte Orange, Lemon Lime or Berry	
Recommended use	Rehydration supplement for prevention of dehydration	
Supplier	Boxed Manufacturing 5B Tayet Link Bibra Lake WA 6163 Australia +61 411 318 931	
Emergency phone number	Ben Tarbox	+61 411 318 931

Section 2 - Hazards identification

Classification of the hazardous chemical	NA
Label elements, including precautionary statements	NA
Other hazards which do not result in classification	

Acute Responses:

Swallowed	May destabilize people with diabetes
Eye	Cause watering, redness and irritation
Skin	May cause irritation
Inhaled	Irritation to nose and throat

Section 3 - Composition/information on ingredients

Identity of chemical ingredients	NA
CAS number and other unique identifiers	NA

Food Ingredients (in descending order by volume)

Sucrose, Dextrose, Food Acid, Sodium Chloride, Potassium Citrate, Sodium Citrate, Natural Colour and Flavour.

Section 4 - First aid measures

Swallowed	Wash down with water
Eye	Wash with water
Skin	Wash with soap and water
Inhaled	Move to fresh air
Medical Attention	See doctor if symptoms persist and treat symptomatically

Section 5 - Fire fighting measures

Suitable extinguishing media	Aqualyte itself is not combustible therefore Carbon dioxide, foam, dry powder
Specific hazards arising from the chemical	NA
Special protective equipment and precautions for fire fighters	NA

Section 6 - Accidental release measures

Personal precautions	NA
Environmental precautions	NA
Containment and cleaning up	Sweep up and dispose as general rubbish Wash area/surface with soap and water

Section 7 - Handling and storage

Precautions for safe handling	NA
Conditions for safe storage	Seal unused powder in airtight container Store in cool dry place out of direct sunlight Store away from chemicals and hazardous goods that could contaminate food.

Section 8 - Exposure controls/personal protection

Exposure standards, biological monitoring	NA
Engineering controls	NA
Personal protective equipment (PPE)	NA

Section 9 - Physical and chemical properties

Appearance	Dependent of flavor
Odour	Sweet
Odour threshold	-
pH	3.40-3.60
Melting point/freezing point	-
Boiling point and boiling range	-
Flash point	-
Evaporation rate	-
Flammability	Low – product will burn in surrounding fire
Upper/lower flammability or explosive limits	-
Vapour pressure	-
Vapour density	-
Relative density	-
Solubility(ies)	Highly soluble in water
Partition coefficient: n-octanol/water	-
Auto-ignition temperature	-
Decomposition temperature	-
Specific Gravity	0.85-0.90
Specific heat value	-
Particle size	<2.0mm
Volatile organic compounds content	-
% volatile	-
Saturated vapour concentration	-
Release of invisible flammable vapours and gases	-

Section 10 - Stability and reactivity

Reactivity	-
Chemical stability	-
Conditions to avoid	-
Incompatible materials	Avoid contact with chemicals and hazardous substance not compatible with food.
Hazardous decomposition products	-

Section 11 - Toxicological information

Information on routes of exposure	-
Symptoms related to exposure	-
Numerical measures of toxicity	-
Immediate, delayed and chronic health effects from exposure	-
Exposure Levels	-
Interactive effects	-
Data limitations	-

Section 12 - Ecological information

Ecotoxicity	NA
Persistence and degradability	Biodegradable
Bioaccumulative potential	NA
Mobility in soil	NA
Other adverse effects	NA

Section 13 - Disposal considerations

Safe handling and disposal methods	Dispose as general waste
Disposal of any contaminated packaging	NA
Environmental regulations	NA

Section 14 - Transport information

UN number	NA
Proper shipping name	NA
Transport hazard class(es)	NA
Packing group	NA
Environmental hazards	NA
Special precautions during transport	NA
Hazchem Code	NA

Section 15 - Regulatory information

Packaging and Labeling	Must confirm with Food Safety Australia & New Zealand Requirements
Poisons Schedule number	NA

Section 16 - Other information

Prepared By	Ben Tarbox
Date of Previous Issue	1 January 2012 by Fresh Food Industries Pty Ltd
Changes Made	Updated to comply with WHS and Harmonised System Requirements.
Contact Person Australia	Ben Tarbox +61 411 318 931

END OF SAFETY DATA SHEET