

**Materials Safety Data Sheet  
RENCO Annatto Food Colour  
(Hazardous)**

**COMPANY DETAILS**

Manufacturer: Renco New Zealand, 10 London Street, PO Box 122, Eltham, NEW ZEALAND

Telephone: +64 6 764 8008

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Trade Name: RENCO

**IDENTIFICATION**

Product Name : Renco Annatto Food Colour  
Use : Colouring agent

**Description/properties**

Appearance/Odour : Dark red liquid, slight peppery odour but not unpleasant.  
Specific Gravity : 1.05 kg/L  
Flash point (°C) : no flammable components  
Flammability limits : not flammable  
Solubility limits : fully miscible with water  
pH: : ~13, very strong alkaline

<b>Ingredients</b>	<b>CAS No.</b>	<b>proportion</b>
water	7732-18-5	< 95%
Potassium Hydroxide	1310-58-3	< 10%
Norbixin	542-40-5	< 2%

**HAZARDS IDENTIFICATION**

**Dangerous Goods:** Classified as Dangerous Goods according to the NZS5433-1999 Transport of Dangerous Goods on Land.

**Hazardous Substance:** Classified as hazardous according to criteria in the HS (Minimum degrees of Hazard) regulations 2001.

**HASNO Classifications:** 6.1E acute toxicity  
8.1A corrosive to metals  
8.2C corrosive to skin  
8.3A corrosive to eyes

## Materials Safety Data Sheet- Renco Annatto

**Hazards Statements:** May be corrosive to metals.  
Causes serious eye damage and may be corrosive to skin if not washed off in a timely manner.  
Harmful if swallowed or inhaled.

**Precautionary Statements:** Keep out of the reach of children. Read the label before use. Keep in the original container where possible. Keep container tightly closed. Wear protective gloves / protective clothing / eye protection. Do not eat, drink or smoke when using the product. Wash hands and exposed skin thoroughly after handling.

### First Aid Measures

For advice, contact the National Poisons Information centre [Phone 0800764766] or a doctor.  
Have a product container or label at hand.

**Swallowed** : DO NOT induce vomiting. Give large quantities of water and seek MEDICAL ATTENTION.

**Eye** : Flush with copious cold water. Remove contact lenses if present. Continue rinsing. Seek medical advice.

**Skin** : Wash affected area with plenty of soap and water. Remove and wash contaminated clothing.

**Inhaled** : Remove to fresh air and keep at rest in a position comfortable for breathing. Seek Medical advice.

**Advice to Doctor** : Treat symptomatically and as for exposure to corrosive alkali. Can cause corneal burns. Refer to the National Poisons and Hazardous Chemicals Information Centre 0800 764 766.

### PRECAUTIONS FOR USE

**Handling advice** : Before use carefully read the product label.  
Wear protective gloves / protective clothing / eye protection. Do not eat, drink or smoke when using this product. Wash hands and exposed skin thoroughly after handling.

**Exposure standards** : No tolerable exposure limits [TEL] are set for this substance at this time.

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<b>Engineering controls</b>	:	Pumping and pouring should be carried out in such a manner as to avoid the formation of aerosols.
<b>Personal Protection</b>	:	The wearing of gloves, safety glasses and other protective clothing is recommended when using the product.
<b>Flammability</b>	:	Not flammable.

**SAFE HANDLING INFORMATION**

<b>Transport</b>	:	Classified as a Dangerous Good according to the NZS 5433:1999 Transport of Dangerous Goods on Land.
<b>UN No</b>	:	1814
<b>Class-primary</b>	:	8 Corrosive
<b>Packing Group</b>	:	III
<b>Proper shipping name</b>	:	Annatto Liquid contains 5% Potassium Hydroxide
<b>Hazchem Code</b>	:	2R
<b>Storage</b>	:	Store in a cool place dry place, 5-15°C. Avoid freezing and keep the containers tightly closed when not in use.
<b>Spills and Disposal</b>	:	Dispose of small spills by flushing to waste with large quantities of water. Large spills should be absorbed with sand or absorbent and placed in drums. Dispose of unused contents using an approved waste disposal contractor.  Empty drums should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Observe all safeguards on the label and in the MSDS.
<b>Fire and Explosion hazard:</b>	:	None.
<b>Contact Point</b>	:	Melvyn Smith, Renco New Zealand Phone: +64 6 764 7880 Mobile: +64 21 382 157

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