

# Sustainable Farming Solutions

(Sustainable Ventures Pty Ltd ACN 076 001 100)



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## Safety Data Sheet

Issue Date: 12/02/19

### Product Name: Citran 1- fruit & vegetable sanitiser

Classified as hazardous according to The Globally Harmonised System of Classification and labeling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

## 1. IDENTIFICATION

Product Name: Citran 1- fruit and vegetable sanitiser concentrate  
Product Use: Botanical extract based sanitiser  
Chemical Name: Based on bioflavonoids and organic acids  
Supplier Details: Organic Farming Systems  
Level 1, 322 Hay St, Subiaco 6008  
Emergency Telephone: 08 9388 3623

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

**CLASSIFIED AS HAZARDOUS ACCORDING TO AUSTRALIAN WHS REGULATIONS**

GHS Classification: Eye Irritation Category 2A

### 2.2 Label Elements

**Signal Word:** WARNING

**Pictograms:**



**Hazard Statements:** H319 – Causes eye irritation  
H317 – May cause an allergic skin reaction  
Note – once diluted according to the label, the product is no longer hazardous.

**Prevention Statements:** P264 – Wash thoroughly after handling.  
P280 – Wear eye/face protection  
P102 – Keep out of reach of children  
P261 – Avoid breathing fumes, mists, vapours or spray.  
P262 – Do not get in eyes, on skin or on clothing.  
P272 – Contaminated work clothing should not be allowed out of the workplace.  
P273 – Avoid release to the environment.  
P281 – Use personal protective equipment as required.

**Response Statements:** P363 - Wash contaminated clothing before re-use.  
P301+P330 + P331 - If SWALLOWED: Rinse mouth. DO NOT induce

vomiting.

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 - IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333 + P313 - If skin irritation or rash occurs, get medical advice.

P337 + P313 - If eye irritation persists, get medical attention.

P370 + P378 - Not combustible. Use extinguishing media suited to burning materials.

**Storage Statement:**

P406 + P233 – Store in a well-ventilated place. Keep container tightly closed.

**Disposal:**

P501 – If they cannot be recycled, dispose of contents to an approved waste disposal plant and containers to landfill.

### 3. COMPOSITION/ INGREDIENTS

Ingredients:	Name	CAS	Proportion
	Bitter orange extract	72968-50-4	8-12%
	Octanoic Acid	124-07-2	2-4%
	Lactic acid	50-21-5	1-3.2%
	Water	NA	Remainder

### 4. FIRST AID MEASURES

Inhalation:	No first aid measures usually required. Remove victim to fresh air. Investigate possible misuse of material. Seek medical attention if irritation occurs.
Ingestion:	Rinse mouth with water. Do not induce vomiting. Contact a Poisons Information Centre or call a doctor.
Eye:	Remove contact lenses. Immediately irrigate with copious amount of water for at least 15 minutes. Eyelids to be held open. Seek medical advice.
Skin:	Wash affected areas with water for 5 minutes or until chemical is removed.
First Aid Facilities:	Normal washroom facility.
Advice to Doctor:	Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

Extinguishing Media:	Use extinguishing media suitable for surrounding fire situation.
Fire and Explosion Hazards:	Nil. No risk of explosion under normal circumstances if involved in fire.
Precautions in connection with fire:	Firefighters should wear self-contained breathing apparatus and full protective clothing to minimize exposure. Promptly isolate the scene by removing all persons from the vicinity if there is a fire. If safe to do so, remove undamaged containers from fire area.

### 6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal:	For major spills, prevent from entering drains or waterways. Stop leak if safe to do so and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal.
Protective Clothing:	For significant spills wear full protective clothing including eye and face protection covering all skin areas. Use a respirator as precautionary in case

of significant spills.

## 7. HANDLING AND STORAGE

Handling:	Repeated or prolonged exposure to the concentrate without personal protection should be avoided in order to lessen the possibility of disorders. It is essential that all who come into contact with this material maintain good standards of personal hygiene ie washing hands prior to eating, drinking or going to the toilet. Keep container closed and bung in place.
Storage:	Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits:	No value assigned for this specific material by the National Occupational Health and Safety Commission. However as with all chemicals exposure to concentrate should be kept to the least possible level.
Respiratory Protection:	Not necessary for the diluted product or when handling the concentrate.
Eye Protection:	Safety glasses or goggles must be worn. Emergency eye wash facilities recommended in an area close to where product is being used.
Skin Protection:	Impervious gloves recommended, PVC rubber. AS 2161. Avoid repeated exposure to skin. Body suits recommended to avoid contact.
Ventilation:	Use in a well ventilated area. Use fans if natural ventilation is inadequate.
Engineering Controls:	N/A
Other information:	No biological limit value allocated.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear deep red/brown free flowing liquid
Odour:	Slight vinegar.
Boiling Point:	105 deg C
pH:	3.1
Solubility in Water:	Infinitely soluble in water.
Specific Gravity:	1.045
Vapour Pressure:	2.37kPa at 20 deg C
Physical State:	Liquid.
Flash Point:	Not flammable.
Flammability:	Not flammable.
Flammability limits LEL:	Not flammable.
Flammability limits UEL:	Not flammable.

## 10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of storage and handling.
Hazardous polymerization:	Will not occur.
Materials to avoid:	Strong oxidizing agents.
Hazardous decomposition products:	None known.
Hazardous reaction:	Not a fire hazard.

## 11. TOXICOLOGICAL INFORMATION

Toxicology Information:	Not available.
Inhalation:	Ingredients considered non hazardous when used as directed.
Ingestion:	Not a likely source of exposure, however moderate quantities of concentrate may cause irritation. Potential symptoms included nausea, diarrhea, abdominal pain and vomiting.
Skin:	May cause skin irritation by prolonged contact with the concentrate, which can result in redness in some people. No known effects through continual exposure to dilute solutions.

Eye: The concentrate is an eye irritant. May cause eye soreness.  
Chronic Effects: No known adverse effects.

## 12. ECOLOGICAL INFORMATION

Environ Protection: Harmful to aquatic life in concentrated form. Not harmful to birdlife.  
Biodegradable. It will not accumulate in the soil or water or cause long term problems.  
Mobility: No data available on this product.  
Persistence: No data available on this product.  
Degradability: Fully biodegradable.  
Bioaccumulation: No data available on this product.  
Ecotoxicity: No data available on this product.

## 13. DISPOSAL CONSIDERATIONS

Dispose of waste according to federal, EPA , state and local regulations.  
Assure conformity with all applicable regulations.

## 14. TRANSPORT INFORMATION

Un number: None allocated.  
Proper Shipping Name: None allocated.  
DG Class: None allocated.  
Hazchem Code: None allocated.  
Packing Group: None allocated.  
EPG Number: None allocated.  
IERG Number: None allocated.

## 15. REGULATORY INFORMATION

Safety Phrase: S2 Keep out of reach of children.  
S25 Avoid contact with eyes.  
Poisons Schedule: Not Scheduled.  
AICS (Australia) All ingredients are listed in the Australian Inventory of Chemical Substances (AICS).

## 16. OTHER INFORMATION

The data and recommendations presented herein are based upon research of others believed to be accurate. However, no warranty is expressed or implied regarding this data or the results to be obtained from use thereof. Organic Farming Systems assumes no responsibility for the injury to customers or third party proximity caused by the material if reasonable safety procedures are not adhered to as stipulated in this data sheet.

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