

Organic Farming Systems

(Sustainable Ventures Pty Ltd ACN 076 001 100)

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Material Safety Data Sheet

Issue Date: 9/02/15

Product Name: Citran 2 – Multi-Purpose Cleaner

Not classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION

Product Name	Citran 2 - multi- purpose cleaner
Product Use	Botanical extract based cleaner and sanitiser
Chemical Name	Based on bioflavonoids and natural surfactants

2. COMPOSITION/ INGREDIENTS

Ingredients:	Name	CAS	Proportion
	Bioflavonoid mixture	72968-50-4	1-5%
	Glycerine	124-07-2	2-4%
	Citran 1	Proprietary	2-10%
	Water & other	NA	Remainder
	Non hazardous ingredients		

3. HAZARDS IDENTIFICATION

	Not classified as hazardous according to the criteria of NOHSC and not classified as a dangerous good according to the ADG code.
Risk phrases:	R36 Irritating to eyes
Safety phrases:	S2 Keep out of reach of children S25 Avoid contact with eyes
Hazard category:	Non hazardous. Non dangerous goods.
Symptoms & Effects:	Nil
Other hazard information:	Nil

4. FIRST AID MEASURES

Inhalation:	Non irritant in normal circumstances, however if abnormal reaction occurs remove victim to fresh air. Investigate possible misuse of material. Seek medical attention.
Ingestion:	Rinse mouth with water. Give water to drink. Never give anything by mouth to an unconscious person.
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.
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.
Specific Hazards:	Nil.
Precautions in connection	Firefighters should wear self-contained breathing apparatus and full protective

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with fire: 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: Contain and collect using absorbent material. Small spills may be flushed to sewer. Dispose of to landfill.

7. HANDLING AND STORAGE

Handling: 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: Not required.

Hand Protection: Not required. Incidental skin contact is not harmful.

Body Protection: N/A

Engineering Controls: N/A

Other information: No biological limit value allocated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear brown low viscosity liquid.

Odour: Lemon.

Boiling Point: 102 deg C

pH: 5.5 +/-0.5 (undiluted)

Solubility in Water: Infinitely soluble in water.

Specific Gravity: 1.02

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: May cause eye soreness on prolonged contact due to alkalinity, which is transient and reversed by irrigation with water.
Chronic Effects: No known adverse effects.

12. ECOLOGICAL INFORMATION

Environ Protection: Harmful to aquatic life in concentrated form. Not harmful to birdlife.
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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