

Sustainable Farming Solutions

(Sustainable Ventures Pty Ltd ACN 076 001 100)



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Safety Data Sheet
Issue Date: 14/03/18

Product Name: Organic-Ca

HAZARDOUS SUBSTANCE.


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

Non-Dangerous Goods according to the criteria of the Australian Dangerous Goods Code (ADG Code).

1. IDENTIFICATION

Product Name Organic-Ca
Product Use Fertiliser

2. HAZARDS IDENTIFICATION

GHS Hazard Classification Hazardous according to the criteria of the Globally Harmonised System of Classification and Labeling of Chemicals (GHS).
Hazard Categories H319 Causes serious eye irritation.
Signal Word WARNING
Pictogram 
Precautionary Statements
Prevention P102 Keep out of reach of children.
P264 Wash contacted areas thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/eye protection/face protection.
Response P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.
Disposal P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
POISONS INFORMATION CENTRE 24/7 CONTACT 13 11 26

3. COMPOSITION/ INGREDIENTS

Ingredients:

Identifiers Cas #	Name	Concentrate	Classification	Concentration Limit
Listed on Poisons Information Register	Organic-Ca	17 – 25%	Eye Irrit 2 H319	-

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation:	In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious. If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
Ingestion:	Seek medical attention. Immediately rinse mouth with water. Repeat until product is thoroughly removed. If swallowed DO NOT induce vomiting due to risk of further damage. Never give anything by mouth to an unconscious person.
Eye:	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing eyes with plenty of clean and cool water for at least 15 minutes while pulling eyelids up, and seek medical advice.
Skin or Hair Contact:	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Get medical attention immediately if symptoms occur.
First Aid Facilities:	Safety shower and eye wash facilities should be immediately accessible.
Advice to Doctor:	Treat symptomatically For advice, contact a Poisons Information Centre (13 11 26; New Zealand 0800 764 766) or a doctor (at once).

4.2 Most important symptoms and effects, both acute and delayed.

Severity of symptoms depend on concentration and length of exposure. Serious eye irritation is the most important acute symptom. No known delayed effects from exposure to the product.

4.3 Indication of any immediate medical attention and special treatment needed.

Notes to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media.

Suitable extinguishing media: Extinguisher powder of CO₂. In case of more serious fires, also alcohol-resistant foam and water spray. Do not use a direct stream of water to extinguish.

5.2 Special hazards arising from the mixture

Specific risks: Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

5.3 Advice for firefighters.

Personal Protective Equipment: Use water to cool tanks, cisterns or container close to the heat source or fire. Fire fighters should wear full protective clothing, chemical goggles, body-covering protective clothing, chemical resistant gloves, and rubber boots.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions:

Avoid contact with skin and eyes and avoid breathing any fumes formed. Full protective clothing recommended for clean-up. Dries to form glass film which can easily cut skin. Wear appropriate protective clothing. Slippery when spilt.

6.2 Environmental Precautions:

Prevent the contamination of drains, surface or subterranean waters, and the ground.

6.3 Methods and material for containment and cleaning up.

Pick up at the spill with non-combustible absorbent materials (soil, sand, vermiculite, diatomite, etc). Pour the product and the absorbent in an appropriate container. The contaminated area should be immediately cleaned with an appropriate de-contaminator. Pour the decontaminator on the remains in an opened container and when stable, remove.

6.4 Reference to other sections:

For exposure control and individual protection measures, see section 8.
For later elimination of waste, follow the recommendations under section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling.

For personal protection, see section 8. Never use pressure to empty the containers. They are not pressure-resistant containers.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Keep the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities.

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 40°C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorised persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

7.3 Specific end use(s).

Fertilisers

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

8.1 Exposure Limits:

DNEL – Derived No Effect Level - level of exposure to the substance below which adverse effects are not anticipated.

Biological limit values not established.

8.2 Exposure Controls:

Engineering Measures:	Ensure adequate ventilation
Personal Protection	RESPIRATOR: Respiratory protection is not normally required due to low inhalation risk.
Equipment:	EYES: Safety glasses, goggles or face shield as appropriate (AS1336/1337). Provide eyewash station. HANDS: Plastic or Rubber gloves. The use of barrier cream is recommended (AS2161). CLOTHING: Overalls, splash apron or similar protective apparel and Chemical resistant safety boots (AS3765/2210).
Work Hygienic Practices:	Wash contaminated clothing and protective equipment before storing and re-using. The use of barrier cream is recommended. Wash hands after contact with this material. Do not eat, drink, or smoke around this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties.

Appearance:	Brown liquid
Odour:	Characteristic
pH:	3-4
Solubility in Water:	Soluble in water.
Physical State:	Liquid
Boiling Point:	NA/NA
Melting Point:	NA/NA
Flash Point:	>60 deg C
Evaporation RateL	NA/NA
Inflammability (solid,gas)	NA/NA
Lower explosive limit:	NA/NA
Upper explosive limit:	NA/NA
Vapour pressure:	NA/NA
Vapour density:	NA/NA

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Specific gravity:	1.34-1.37
Auto-ignition temperature:	NA/NA
Decomposition temperature:	NA/NA
Viscosity:	NA/NA
Explosive properties:	NA/NA
Oxidising properties:	NA/NA
NA/NA	Not available/Not applicable due to the nature of the product

10. STABILITY AND REACTIVITY

10.1 Reactivity.

The product does not present hazards by their reactivity.

10.2 Chemical stability.

Unstable in contact with: - Bases.

10.3 Possibility of hazardous reactions.

Neutralization can occur on contact with bases.

10.4 Conditions to avoid.

Avoid contact with bases

10.5 Incompatible materials.

Avoid the following materials: - Bases.

10.6 Hazardous decomposition products.

Depending on conditions of use, can be generated the following products: Corrosive vapors or gases.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects.

Acute toxicity	Not conclusive data for classification.
Skin corrosion/irritation;	Based on available data, the classification criteria are not met.
Serious eye damage/irritation;	Product classified: Eye irritation, Category 2: Causes serious eye irritation.
Respiratory or skin sensitisation;	Not conclusive data for classification.
Germ cell mutagenicity;	Not conclusive data for classification.
Carcinogenicity;	Not conclusive data for classification.
Reproductive toxicity;	Based on available data, the classification criteria are not met.
STOT-single exposure;	Not conclusive data for classification.
STOT-repeated exposure;	Not conclusive data for classification.
Aspiration hazard;	Not conclusive data for classification.

12. ECOLOGICAL INFORMATION

12.1 Toxicity.

No information is available regarding the ecotoxicity of the substances present.

12.2 Persistence and degradability.

No information is available about persistence and degradability of the product.

12.3 Bioaccumulative potential.

Information about the bioaccumulation of the substances present.

Name	Bioaccumulation			
	Log Pow	BCF	NOECs	Level
Acetic Acid 1% N.CAS: 64-19-7 EC No: 200-580-7	-0.17	-	-	Very low

12.4 Mobility in soil.

No information is available about the mobility in soil.

The product must not be allowed to go into sewers or waterways. Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

12.6 Other adverse effects.

No information is available about other adverse effects for the environment.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

14. TRANSPORT INFORMATION

Transportation is not dangerous. In case of road accident causing the product's spillage, proceed in accordance with point 6.

14.1 UN number.

Transportation is not dangerous.

14.2 UN proper shipping name.

Transportation is not dangerous.

14.3 Transport hazard class(es).

Transportation is not dangerous.

14.4 Packing group.

Transportation is not dangerous.

14.5 Environmental hazards.

Transportation is not dangerous.

14.6 Special precautions for user.

Transportation is not dangerous.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code.

Transportation is not dangerous.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the mixture.

Hazardous substance GHS – Causes serious eye damage

16. OTHER INFORMATION

Classification Codes:

Eye Irrit. 2 : Eye irritation, Category 2

Flam. Liq. 3 : Flammable liquid, Category 3

Repr. 1B : Reproductive toxicant, Category 1B

Skin Corr. 1A : Skin Corrosive, Category 1A

Skin Corr. 1B : Skin Corrosive, Category 1B

Skin Irrit. 2 : Skin irritant, Category 2

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Other Phrases:

Safety data sheet available for professional user on request. Restricted to professional users.

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. Sustainable Farming Solutions 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.

Contact point

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