

Organic Farming Systems

(Sustainable Ventures Pty Ltd ACN 076 001 100)

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Material Safety Data Sheet

Issue Date: 30/07/15

Product Name: Fulvic Acid Powder

Not classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION

Other Names: Fulvic Acid, Potassium Fulvate

Use: Fertiliser, foliar adjuvant.

2. COMPOSITION/ INGREDIENTS

Ingredients: Fulvic Acid Powder

3. HAZARDS IDENTIFICATION

General: NOT hazardous according to criteria of ASCC. No exposure standard has been established for this product by the Australian Safety and Compensation Council (ASCC). However, the exposure standard for dust not otherwise specified is 10mg/m³ (for inspirable dust) and 3mg/m³ (for respirable dust).

Dangerous Goods: None allocated

Safety phrases: Keep out of reach of children.

Risk Skin: May cause irritation of the skin. Always avoid contact with skin.

Risk Ingestion: May cause irritation of digestive tract.

Hazard category: Powder may cause irritation to respiratory tract. The exposure standard for dust not otherwise specified is 10mg/m³ (for inspirable dust) and 3mg/m³ (for respirable dust).

4. FIRST AID MEASURES

Inhalation: Powder may cause irritation to respiratory tract. If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. If breathing is difficult give oxygen. Seek medical attention.

Ingestion: Rinse mouth with fresh water. Do NOT induce vomiting. Give a glass of water to drink and seek medical attention if symptoms persist or if larger quantities consumed.

Eye: Irrigate immediately with plenty of water or neutral saline solution, holding eyelids open. Seek medical attention if irritation persists.

Skin: May cause irritation to skin. Wash off with water immediately. Remove contaminated clothing. Wash affected area with soap and plenty of water. If irritation persists, seek medical attention.

First Aid Facilities: Normal washroom facility.

Advice to Doctor: Treat symptomatically. Non-toxic potential dust and acid composition irritant. Treat symptomatically based on individual reactions of patient and judgment of doctor. Dilute contamination with water.

5. FIRE FIGHTING MEASURES

Extinguishing Media: In case of fire use water, dry powder and/or carbon dioxide.

Fire/Explosion Hazard: Non-combustible solid. Avoid generating dust.

Precautions: Use a positive - pressure self-contained breathing apparatus and use protective fire fighting clothing.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal: If spilt (bulk), use personal protective equipment. Ventilate area where possible.

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Eliminate all sources of ignition. Avoid generating dust. Do not allow product to reach drains, sewers or waterways. Contain spillage and sweep/shovel up spills with dust binding material or use an industrial vacuum cleaner. Transfer to a suitable labelled chemical -waste container and dispose of promptly.

7. HANDLING AND STORAGE

Storage:	Store in a cool, dry, well ventilated area, removed from combustible materials, and incompatible materials including strong oxidizing agents, high pH acids, alkaline materials and sources of ignition.
Handling	Keep off ground with packaging tightly closed when not in use. Protect from direct sunlight and moisture. Store below 40°C and above 0°C. Store away from foodstuffs. Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

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:	When handling powder, use an effective dust mask where dusts are generated (AS1715/1716)
Eye Protection:	Wear appropriate protective eyeglasses or chemical safety goggles. Safety glasses with side shields. (AS1336/1337).
Skin Protection:	Wear appropriate protective gloves to prevent skin exposure. Protective gloves (AS2161).
Engineering Controls:	Local and/or general exhaust recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Fine Solid Powder - Tan/light brown colour
Odour:	Burnt citrus – sharp
Solubility in Water:	Water soluble
Specific Gravity:	(H ₂ O = 1)
Physical State:	Powder

10. STABILITY AND REACTIVITY

Chemical Stability:	Chemically stable under normal conditions of use, storage and temperature. Avoid excessive heat, direct sunlight, generating dust, moisture and high temperatures.
Incompatible materials:	Oxidising agents, high pH acids and sources of ignition.
Hazardous reaction:	Not a fire hazard.

11. TOXICOLOGICAL INFORMATION

Environment:	Not considered harmful to environment. See accidental release measures.
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12. ECOLOGICAL INFORMATION

Environ Protection:	No data available on this product.
Mobility:	No data available on this product.
Persistence:	No data available on this product.
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

This product is not classified dangerous for transport according to The Australian Code for the Transport of Dangerous Good By Road and Rail.
Transport and store undercover to avoid getting the product wet. Rain will wreck the product.

15. REGULATORY INFORMATION

Poisons Schedule: Classified as non-hazardous by The Australian Safety and Compensation Council (ASCC).

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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