

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 K

Not classified as hazardous according to The Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and Work Health and Safety Regulations (WHS).

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

Product Name	Organic K
Product Use	Organic Fertiliser
Chemical Name	Potassium 30% as citrate

2. HAZARDS IDENTIFICATION

Poisons Schedule (Aust)	Not listed on SUSMP
GHS Hazard Classification	Not classified as hazardous under GHS/WHS.
ADG Code	Non-Dangerous Goods according to the criteria of the Australian Dangerous Goods Code (ADG Code).
Pictograms	None
Signal Word	None
Hazard Statements	None
Precautionary Statements	
Risk and Safety Phases	P261 Avoid breathing mist, vapours or spray P262 Do not get in eyes, on skin or on clothing
Storage	None
Disposal	P 501 Dispose contents/container in accordance with local/regional and national regulations.

3. INFORMATION ON INGREDIENTS

Potassium Citrate	30%
Water & remainder	No other ingredient which to the current knowledge of Organic Farming Systems, in the concentrations present are classified as hazardous and thereby require reporting in this section.

4. FIRST AID MEASURES

Inhalation:	Avoid breathing mist, spray or vapour. If inhaled, remove from exposure. Allow patient to assume most comfortable position and keep warm and at rest. Seek medical attention if victim feels unwell.
Ingestion:	Rinse mouth with water. Give water to drink. DO NOT induce vomiting unless told to do so by a doctor. If symptoms develop seek medical advice.
Eye:	Immediately wash in and around the eye area with plenty of water for 15 minutes. Eyelids to be held apart. Check for contact lenses, remove if easy to do. If any discomfort persists obtain medical attention.
Skin:	If skin contact occurs, remove any contaminated clothing and wash skin with running water. If irritation occurs, seek medical advice.

First Aid Facilities: Normal washroom facility.
Advice to Doctor: Treat symptomatically based on judgment and individual reactions of patient
No information on medical conditions aggravated by exposure to this product.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use extinguishing media suitable for surrounding fire situation. Use water spray, foam, dry chemical or carbon dioxide.

Specific Hazards: Non-flammable liquid.

Hazardous Products of Combustion: Fire or excessive heat may cause production of hazardous decomposition products.

Personal Protective Equipment: Fire fighters should wear a positive-pressure self-contained breathing apparatus and protective fire fighting clothing (helmet, coat, trousers, boots, gloves).

Environmental Precautionary Measures: Do NOT let product reach drains or waterways. If product does enter a waterway, advise the Environmental Protection Authority or your local Waste Management.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate protective clothing. Slippery when spilt.

Environmental Precautions: Prevent material from entering public sewer systems or waterways. Do not flush down drain. Large spills to soil or similar surfaces may require removal of topsoil. The affected area should be removed and placed in an appropriate container for disposal.

Methods of Containment: Stop spill using absorbent or impervious materials such as earth, sand or clay. Collect and contain contaminated absorbent and collect material for disposal.

Methods for Cleanup and Disposal: Pump any free liquid into an appropriate closed container. Collect washings for disposal. Decontaminate tools and equipment following cleanup.

7. HANDLING AND STORAGE

Handling: Avoid breathing vapour or spray mist. Avoid contact with eyes, skin or clothing. Wash hands immediately after use and before eating, drinking etc. If product spills on clothing, immediately remove clothing and thoroughly wash and put on clean clothing. Remove personal protective clothing immediately after handling this product. Wash the outside of gloves before removing.

Storage: Storage area should be cool, dry and out of direct sunlight. Do not leave product in open containers. Store away from combustible materials, herbicides and fungicides. Do not store or use near open flame. Do not contaminate water, food or feed by storage or disposal.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits: No value assigned for this specific material by the Safe Work Australia. However as with all chemicals exposure to concentrate should be kept to the least possible level.

Respiratory Protection: Respirators should be used for conditions of use where exposure to spray or mist is apparent and engineering controls are not feasible.

Eye Protection: Wear chemical goggles or shielded safety glasses. An emergency eyewash or water supply should be readily accessible to the work area.

Skin Protection: To avoid contact with skin, wear long pants, long-sleeved shirt, socks, shoes and chemical resistant gloves. An emergency shower or water supply should be readily accessible to the work area.

Work Hygienic Practices: Wash hands after contact with this material. Do not eat, drink, or smoke around this product. Contaminated clothing to be laundered prior to re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear colourless liquid
pH: 10-11

Solubility in Water:	Soluble in water.
Physical State:	Liquid
Boiling Point:	>100 deg C
Specific Gravity	1.42 -1.46

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of storage and handling.
Hazardous polymerization:	No data available
Conditions to Avoid:	Excessive heat, do not store near heat or flames or temperatures below 5degC
Material to Avoid:	Strong Acids – can react Strong oxidizing agents – may decompose
Hazardous decomposition products:	No data available

11. TOXICOLOGICAL INFORMATION

Inhalation:	Not available.
Ingestion:	Not available.
Skin:	May cause skin irritation.
Eye:	Irritation
Chronic Effects:	No known adverse effects.
Carcinogen Category:	No data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Highly toxic for fish. Not considered to be toxic for bacteria. Easily degradable.
Mobility:	No data available.
Environmental Impact:	No data available.
Bioaccumulation Potential:	No data available.

13. DISPOSAL CONSIDERATIONS

Dispose of waste according to federal, EPA , state and local regulations.
Assure conformity with all applicable regulations.
For any spillage wash with plenty of water or absorb with earth or other inert material and dispose as per local regulations.

14. TRANSPORT INFORMATION

Un number:	None allocated. This product is not considered a dangerous good according to the criteria of the Australian Dangerous Goods Code (ADG Code).
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15. REGULATORY INFORMATION

This product is not regulated according to government agencies.

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. 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.

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