

# Organic Farming Systems

(Sustainable Ventures Pty Ltd ACN 076 001 100)

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## Material Safety Data Sheet

Issue Date: 7/07/15

**Product Name: Organic K**

Not classified as hazardous according to criteria of NOHSC

### 1. IDENTIFICATION

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

### 2. COMPOSITION/ INGREDIENTS

|              |                          |
|--------------|--------------------------|
| Ingredients: | Potassium 30% as citrate |
| CAS          | 6100-05-6                |

### 3. HAZARDS IDENTIFICATION

|                            |   |
|----------------------------|---|
| ADG Code                   | Non-Dangerous Goods according to the criteria of the Australian Dangerous Goods Code (ADG Code).  |
| ASCC Hazard Classification | Non-Hazardous according to the criteria of ASCC (NOHSC:1008 (2004))   |
| Risk and Safety Phases     | R20/21/22 – Harmful by inhalation, in contact with skin and if swallowed.<br>R36 – Irritating to eyes<br>S1/2 – Keep locked up and out of reach of children<br>S23 – Do not breathe vapor/spray<br>S24/25 – Avoid any inhalation, contact with skin and eyes. Wear suitable protective clothing and gloves. |

### 4. FIRST AID MEASURES

|                       |   |
|-----------------------|---|
| Inhalation:           | 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. If symptoms develop seek medical advice.   |
| Eye:                  | Remove contact lenses. Immediately irrigate with copious amount of water for at least 15 minutes. 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<br>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 | Fire or excessive heat may cause production of hazardous decomposition  |

|                                       |   |
|---------------------------------------|---|
| Combustion:                           | 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 Australian Safety and Compensation Council (ASCC). However as with all chemicals exposure to concentrate should be kept to the least possible level. |
| Respiratory Protection:  | NA   |
| 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.  |

## 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  |
| Hazardous decomposition   | Metal oxides are possible decomposition products.       |

products:

## 11. TOXICOLOGICAL INFORMATION

|                  |                            |
|------------------|----------------------------|
| Inhalation:      | Not available.             |
| Ingestion:       | Not available.             |
| Skin:            | May cause skin irritation. |
| Eye:             | Irritation                 |
| Chronic Effects: | No known adverse effects.  |

## 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.<br>This product is not considered a dangerous good according to the criteria of the Australian Dangerous Goods Code (ADG Code). |
|------------|---|

## 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. 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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