

# Safety Data Sheet

Occupational Safety and Health Administration

May be used to comply with .

## Section 1.

<b>IDENTITY</b>  <b>Organica Australia Pty Ltd</b> <b>Burnoff Horticultural Vinegar</b> Active ingredient :pH adjusted Cider vinegar concentrate Citric Acid . Inert ingredients: Lecithin, Water, Clove Oil, Emulsifiers. Total inert 30% Total 100%	
Manufacturer's Name: <b>Organic Australia p/L</b>	Emergency Telephone Number <b>0402856924</b>
Address: <b>41-43 Marble Drive Kingston</b>	Telephone Number for Information 07 32905440 Mob.0402856924
<b>Australia 4114</b>  <b>Ph 07 32905440</b>	Date Prepared Feb 2015

## 2. HAZARDS IDENTIFICATION

**NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA**

**NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE**

**UN No.** None Allocated **DG Class** **Hazchem Code** None Allocated

None Allocated **Subsidiary Risk(s)**

None Allocated **Packing Group**

None Allocated

# Product Name **Burn-off Horticultural Vinegar**

## Section 3 - Physical/Chemical Characteristics

Boiling Point	<b>102 °C 230 F.</b>	Specific Gravity (H <sub>2</sub> O = 1.120)	
Pack sizes	20 litres		

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Solubility in Water <b>100% Complete in all Proportions</b>
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Appearance and Odor <b>pink vinegarish strong odor.</b>
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## Section 4. FIRST AID MEASURES

- Eye** If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.
- Inhalation** If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
- Skin** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.
- Ingestion** For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once).
- Special treatment** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

- Special hazards** Non flammable. May evolve toxic gases if strongly heated.
- Advice for Firefighters** No fire or explosion hazard exists.
- Extinguishing media** Prevent contamination with concentrate of drains or waterways.
- Hazchem Code** None Allocated

## 6. ACCIDENTAL RELEASE MEASURES

- Spillage** If spilt (bulk), use personal protective equipment. Ventilate area where possible. Contain spillage, then collect and place in suitable containers for disposal. Avoid generating dust.

# Product Name **Burn-off Horticultural Vinegar**

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## 7. STORAGE AND HANDLING

<b>Storage</b>	Store in a cool, dry, well ventilated area, removed from foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Do not allow to come in contact with water, either from rain, condensation or the surface on which stored. Store under cover and out of direct sunlight. If stored in the open, do so for short periods only, and cover with a tarpaulin. If stacking is necessary, pallets should be stored in a stable manner. The Pallet Capacity Rating (design weight) should not be exceeded on the bottom tier for other packs. High stacking should be avoided. Store away from farm chemicals. e.g. oxidizing agents, acetaldehyde, and Material can react with metals, strong bases, amines, carbonates, hydroxides, phosphates, many oxides, cyanides, sulphides, chromic acid, nitric acid, hydrogen peroxide, carbonates, ammonium thiosulphate, chlorine trifluoride, chlorosulphonic acid, perchloric acid, permanganates, xylene, oilium, potassium hydroxide, phosphorous isocyanate, ethylenediamine, ethylene imine. insecticides, fungicides and herbicides. This product when stored in a confined, unventilated space/hold can give off odour and lead to the depletion of oxygen within this space and other confined spaces. It is therefore essential that ventilation is carried out prior to entry to all ship holds.
<b>Precautions for safe handling</b>	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.

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## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

<b>Exposure Stds</b>	No exposure standard(s) allocated.
<b>Biological Limits</b>	No biological limit allocated.
<b>Engineering Controls</b>	Avoid inhalation. Use in well ventilated areas. Use appropriate safe working procedures to reduce the potential for an inhalation hazard.
<b>PPE</b>	Personal Protective Equipment is required under normal conditions of use. Where an inhalation risk exists. wear: a Class P1 (Particulate) respirator. Individuals with sensitive skin should consider wearing: rubber or PVC gloves.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear Liquid	<b>Solubility (water)</b>	SOLUBLE
<b>Odour</b>	MILD ODOUR	<b>Specific Gravity</b>	NOT AVAILABLE
<b>pH</b>	NOT AVAILABLE	<b>% Volatiles</b>	NOT AVAILABLE
<b>Vapour Pressure</b>	NOT AVAILABLE	<b>Flammability</b>	NON FLAMMABLE
<b>Vapour Density</b>	NOT AVAILABLE	<b>Flash Point</b>	NOT RELEVANT
<b>Boiling Point</b>	NOT AVAILABLE	<b>Upper Explosion Limit</b>	NOT RELEVANT
<b>Melting Point</b>	NOT AVAILABLE	<b>Lower Explosion Limit</b>	NOT RELEVANT
<b>Evaporation Rate</b>	NOT AVAILABLE		

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## 10. STABILITY AND REACTIVITY

<b>Chemical stability</b>	Stable under recommended conditions of storage.
<b>Conditions to avoid</b>	Avoid heat, sparks, open flames and other ignition sources.
<b>Material to Avoid</b>	Oxidising agents, reducing agents, metals, alkalis.
<b>Hazardous Decomposition Products</b>	May evolve ammonia and oxides of nitrogen, potassium and phosphorus when heated to decomposition.
<b>Hazardous Reactions</b>	Polymerization is not expected to occur

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## 11. TOXICOLOGICAL INFORMATION

<b>Health hazard summary</b>	Low toxicity. Use safe work practices to avoid eye or skin contact and inhalation.
	RESPIRATORS: In general, the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken.

**Product Name** **Burn-off Horticultural Vinegar**

**Eye** Low to moderate irritant. Contact may result in irritation, lacrimation, pain and redness.  
**Inhalation** Low irritant. Over exposure may result in irritation of the nose and throat, with coughing.  
**Skin** Medium Irritant. Prolonged or repeated contact may result in mild irritation. Some individuals may experience allergic reaction.  
**Ingestion** Do not induce vomiting. Medium toxicity. Ingestion of large quantities may result in nausea, vomiting and gastrointestinal damage.

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**12. ECOLOGICAL INFORMATION**

**Other adverse effects** Limited eco-toxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

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**13. DISPOSAL CONSIDERATIONS**

**Waste disposal** Reuse or recycle where possible. Alternatively, ensure product is covered with moist soil to prevent dust generation and dispose of to an approved landfill site. Contact the manufacturer for additional information.  
**Legislation** Dispose of in accordance with relevant local legislation.

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**14. TRANSPORT INFORMATION**

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**NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE**

**Shipping Name** None Allocated  
**UN No.** None Allocated **DG Class** None Allocated **Subsidiary Risk(s)** None Allocated  
**Packing Group** None Allocated **Haz chem Code** None Allocated

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**15. REGULATORY INFORMATION**

**Poison Schedule** A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).  
**AICS** All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

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**16. OTHER INFORMATION**

**Additional Information** EXPOSURE STANDARDS - TIME WEIGHTED AVERAGES: Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).

## Product Name **Burn-off Horticultural Vinegar**

Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

### ABBREVIATIONS:

ACGIH - American Conference of Industrial Hygienists.

ADG - Australian Dangerous Goods. BEI - Biological Exposure Indice(s). CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

CNS - Central Nervous System.

EC No - European Community Number.

HSNO - Hazardous Substances and New Organisms.

IARC - International Agency for Research on Cancer.

mg/m<sup>3</sup> - Milligrams per Cubic Metre.

NOS - Not Otherwise Specified.

pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).

ppm - Parts Per Million.

RTECS - Registry of Toxic Effects of Chemical Substances.

STEL - Short Term Exposure Limit.

SWA - Safe Work Australia.

TWA - Time Weighted Average.

### HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Chem report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

### PERSONAL PROTECTIVE EQUIPMENT GUIDELINES

The recommendation for protective equipment contained within this ChemAlert report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

### Report Status

This document has been compiled by Organica Australia on behalf of the manufacturer of the product and Serves as the manufacturer's Safety Data Sheet ('SDS').

It is based on information concerning the product which has been provided to Organica by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer.

While organica has taken all due care to include accurate and up-to-date information in this SDS. it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Organica accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

### Prepared By

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**SDS Date 20/02/2015**

**End of Report**