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**DATE OF ISSUE 7/02/2012**  
**MATERIAL SAFETY DATA SHEET**  
**E & G Complete Bloom Part A Hydroponic Nutrient**

## **1. IDENTIFICATION OF MATERIAL**

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**PRODUCT NAME** E & G Complete Bloom Part A Hydroponic Nutrient

**OTHER NAMES** N/A

**USE** Hydroponic Nutrient

**SUPPLIER** VOTTI ENTERPRISES PTY LTD

**ACN** 169 691 098

**ADDRESS** 8 TANIA AVE WINDSOR GARDENS SA 5087

**EMERGENCY PHONE** 0432 268 811

## **2. HAZARDS IDENTIFICATION**

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**HAZARD DESIGNATION:** Not classified as hazardous by NOHSC Criteria

**RISK PHRASES:** R36/37/38 (Irritating to eyes, respiratory system and skin)

**SAFETY PHRASES:** See section 4, 5, 6, 7, 8, and 11

## **3. COMPOSITON/INFORMATION ON INGREDIENTS**

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<b>CHEMICAL ENTITY</b>	<b>CAS NO</b>
Nitrogen Nitrate	14797-55-8
Calcium Nitrate	10124-37-5
Iron as Iron EDTA	

## **4. FIRST AID MEASURES**

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**SWALLOWED:** Swallowing small quantities is not normally harmful. If swallowed immediately rinse mouth out with water. Seek medical advice.

**EYES:** Hold eye open, flood with copious amounts of water for 15 minutes and see a doctor. It is recommended that permanent or mobile eye wash stations be provided when handling this product.

**SKIN:** A small amount of skin contact is not normally harmful. Remove contaminated clothing and wash skin thoroughly with soap and water. Launder contaminated clothing before re-use.

**INHALED:** Inhalation is not normally harmful. Recovery is rapid after removal from exposure. If symptoms are experienced, remove source of contamination or remove victim to fresh air.

**FIRST AID FACILITIES:** Provide eye wash and shower facilities in workplace.

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### **5. FIRE FIGHTING MEASURES**

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**EXTINGUISHING MEDIA:** No specific extinguishing media

**HAZARDS FROM COMBUSTING PRODUCTS:** N/A

**PRECAUTIONS FOR FIRE FIGHTERS:** Wear positive pressure, self-contained breathing apparatus and full protective clothing. Avoid smoke inhalation. Contain any liquid run off.

### **6. ACCIDENTAL RELEASE MEASURES**

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**SPILLS:** Small spills can be swept for re-use. Or can be sluiced away with large quantities of water to drains. Large spills, (>100 L), should be swept up and shovelled into containers for reclamation. Add any broken packages to the container. Sluice down the spill area with large quantities of water. Do not contaminate streams, rivers or water courses.

### **7. HANDLING AND STORAGE**

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**STORAGE:** Store in a cool dry area out of direct sunlight. Shake or mix well before use. Do not mix concentrates together without sufficient water. Products in 1000 litre tanks may weigh over 1 tonne. Forklifts with 2 tonne lifting capacity is recommended. Store apart from combustible materials, herbicides and fungicides and foodstuffs.

**FLAMMABILITY:** Not Flammable

### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**EXPOSURE STANDARDS:** No exposure limit has been established for this product.

**ENGINEERING CONTROLS:** No special ventilation is required.

**PERSONAL PROTECTION:** When using do not eat, drink or smoke. Wash thoroughly before smoking, eating or using toilet facilities. Wear overalls, boots, gloves, dust masks and safety goggles.

Avoid inhaling. Where high concentration is present, respirators should be worn.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

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**APPEARANCE:** Light brown liquid, slight odour.

**FLASHPOINT (0C):** Non flammable

**BOILING POINT (0C):** No data

**FLAMMABILITY LIMITS (%):** Not applicable

**VAPOUR PRESSURE (\_\_\_):** Not applicable

**SOLUBILITY IN WATER (g/L):** 100%

**SPECIFIC GRAVITY:** 1.048kg per 1 litre

## **10. STABILITY AND REACTIVITY**

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**STABILITY:** Stable under ordinary conditions for use and storage.

**CONDITIONS TO AVOID:** N/A

**INCOMPATIBILITY:** N/A

**HAZARDOUS DECOMPOSITION PRODUCTS:** Product includes oxide of Nitrogen

**HAZARDOUS POLYMERIZATION:** Will not occur.

## **11. TOXICOLOGICAL INFORMATION**

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### **POTENTIAL HEALTH EFFECTS**

**SWALLOWED:** Ingesting of large amounts may cause diarrhoea, nausea, vomiting and cramps.

**EYES:** Can cause mild irritation to eyes.

**SKIN:** Mildly irritating to skin. If exposed to frequent and prolonged contact it can cause dermatitis or skin irritations. No effect should occur if the product is promptly washed off.

**INHALED:** If the product is present in high concentrations of vapours, prolonged contact may cause irritation to the upper respiratory tract.

## **12. ECOLOGICAL INFORMATION**

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No ecological hazards expected

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### **13. DISPOSAL CONSIDERATIONS**

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Dispose of waste according to local, state and federal regulations for non hazardous waste. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Therefore, consult local waste regulators for proper disposal.

### **14. TRANSPORT INFORMATION**

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Not classified as a Dangerous Good for transport.

**UN NUMBER:** N/A

**HAZCHEM CODE:** N/A

**DANGEROUS GOODS CLASS:** N/A

**POISONS SCHEDULE:** N/A

### **15. REGULATORY INFORMATION**

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N/A

### **16. OTHER INFORMATION**

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Information for this product is believed to be reliable, however buyer and user assume all risk of use, handling and storage whether in accordance with directions or not. VOTTI ENTERPRISES PTY LTD and its agents and employees give no guarantee or warranty of any kind express or implied concerning the use of this product and will not accept any responsibility whatsoever whether in contract or tort for any loss including consequential loss arising out of the use of this product or caused by this product. Any advice provided by VOTTI ENTERPRISES PTY LTD in respect of the use, handling and storage of this product is of a general nature only and as such, VOTTI ENTERPRISES PTY LTD recommend you consult an agronomist prior to product application.