



## HARMFUL - Keep out of reach of children

# Orchid 14-11-19

BATCH:

DOM:

PLEASE READ LABEL AND SAFETY DATA SHEET COMPLETELY BEFORE USE

**HAZARD CLASSIFICATIONS: 5.1.1C 6.1E 6.3B 6.4A 6.8B**  
**OXIDISER – WARNING** May intensify fire. Keep away from sparks and open flames - No Smoking. Avoid mixing with combustibles.  
**TOXIC – WARNING** Suspected of damaging fertility. Causes serious eye irritation. May be harmful in contact with skin or if swallowed.

**COMPONENTS: Contains Boric Acid 1.2g/kg**  
Nitrogen 13.9% (Urea 4.5%, Nitrate 4.9%, Ammoniacal 4.5%), Phosphorus 10.8%, Potassium 19.2%, Magnesium 0.04%, Sulphur 3.0%, Iron 0.09%, Manganese 0.05%, Zinc 0.002%, Copper 0.002%, Boron 0.02%, Molybdenum 0.002%, as water soluble powders

Wear face protection, protective gloves and clothing. Avoid breathing dust or spray. Use only outdoors or in a well ventilated area. Do not eat, drink or smoke while using this product. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Keep away from sparks/open flame and from clothing/ combustible materials – No Smoking

Do not handle until all safety precautions have been read and understood. This product MUST NOT be used for any purpose or any manner contrary to this label.

**For specialist advice in an emergency only, call 0800CHEMCALL(24h,0800 2436225)/For transport emergency dial 111**

### FIRST AID:

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**IF INHALED:** Remove to fresh air and keep at rest in a position comfortable for breathing.

**IF SWALLOWED:** Rinse mouth, give plenty of water. Do NOT induce vomiting.

**IF ON SKIN:** Wash with plenty of soap and water.

Call a POISON CENTRE or Doctor if effects persist or you feel unwell.

**24-hour Emergency Telephone Number – For advice contact the National Poisons Centre – 0800 POISON (0800 764 766) – or doctor, immediately. Have product container or label at hand.**

### STORAGE and TRANSPORT

The product must be segregated from combustibles and other incompatible substances. This includes explosive, flammable, toxic, infectious and corrosive (Class 1,2,3,4,6 and 8). Store in a cool dry place. Do not carry on a passenger service vehicle.

### SAFETY DATA SHEET:

A Safety Data Sheet should be available at all work places where Orchid 14-11-19 is stored or used (available from Gro-Chem or [www.grochem.co.nz](http://www.grochem.co.nz))

### DISPOSAL:

This product should be disposed of by use in the manner described on the label, or by depositing it in an approved landfill. Segregation from products of Class 1, 2, 3 and 4 must be maintained after disposal unless the properties of the product have been altered to remove the hazardous properties.

Dispose of empty packaging by burying in an appropriate landfill. DO NOT burn.

**Approved Pursuant to the HSNO Act 1996**, under the Fertilisers (Oxidisers [5.1.1]) group standard. No HSR002570. See [www.ermanz.govt.nz](http://www.ermanz.govt.nz) for approval conditions

### CONDITIONS OF SALE:

As no control can be exercised over the manner in which or the conditions under which this product is used, all conditions and warranties expressed or implied, other than those required by statute are excluded. No responsibility will be accepted for any damage or injury whatsoever arising from the storage, handling, application or use of this product.

### DIRECTIONS FOR USE:

**GRO-MORE Orchid 14-11-19** is a specially formulated 1-1-1 ratio fertiliser modified to be used with Calcium Nitrate. It is excellent for the growing of Orchids, providing adequate nitrogen when blended with Calcium nitrate and specifically includes sulphur to suit New Zealand growing conditions. Widely used on Orchids, this formulation suits all plants.

**Features:** Fully soluble; Chelated trace elements; No precipitation or nozzle blocking; Buffered; Safe on foliage.

**General use instructions:** To dissolve, add fertiliser to water at a maximum concentration of 1kg in 5L of water. Hot water will speed up the process.

**Direct tank feeding:** Use 0.75kg Orchid 14-11-19™ and 0.45kg Calcium Nitrate per 1000L of water. Dissolve the Orchid 14-11-19 first and then add the Calcium Nitrate, preferably pre-dissolved in water. At this use rate the nitrogen concentration is about 180ppm.

**Injection:** For an injection ratio of 100:1, dissolve 7.5kg Orchid 14-11-19 and 4.5kg Calcium Nitrate in 100L.

**Conductivity (at 20degC):** A solution of 0.75kg Orchid 14-11-19 in 1000L water gives a CF 6.7 and 0.45kg Calcium Nitrate in 1000L gives a CF of 0.5. Therefore a solution containing 0.75kg Orchid 14-11-19 and 0.45kg of Calcium Nitrate in 1000L water would have a CF of 7.2. Remember to add the CF of the irrigation water to these figures.

Net Contents: 10kg