



# AUSOIL PTY LTD

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## TECHNICAL DATASHEET

### PERFECTOSE-GT

DESCRIPTION	:FOLIAR LIQUID FERTILIZER
DENSITY	:1.3 – 1.4 GM/CC
pH	:5.0 – 6.0
CALCIUM CONTENT	:.8.0%W/V

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Perfectose - GT is amino acid chelated calcium product exclusively developed to correct calcium deficiency of Turf grass & Garden grass.

The calcium chelated in Perfectose - GT is easily available & absorbed by leaves & / or roots of the plant regardless of soil & environment conditions.

The amino acids used increase the absorption & transport of nutrients through the leaves in to the plant.

The calcium absorption is increased along with enhancing of translocation of this essential nutrient to growing points of the plant. These biologically active L-  $\alpha$  - amino acids obtained by enzymic hydrolysis improve photosynthesis & offer maximum protection from stress.

#### Application

- 1- Perfectose - GT is applied as foliar Spray through fertigation. An immediate response is observed when Perfectose - GT is applied as foliar by making entire Turf area wet untill runoff.
- 2- This product should be used to prevent & control calcium deficiency in the plants & maintain Turfgrass leaf turgidity & quality.

#### Dosage

Dosage apply 80 - 100 ml per 1000 sq.ft. every 15 - 20 days or 200 ml per 1000 sq.ft. when needed to correct a deficiency. Increase the dosage, the irrigation water, treating unfavorable soil conditions.

Perfectose - GT is an economical & environmentally safe product to correct calcium deficiency & improve Turfgrass quality. It prevents flushings on the Turf & gives smooth turf.

Perfectose - GT is stable between 5° to 40° c & can be stored at this temperature without loss of any biochemical activity for 3 years.

Perfectose - GT is an environmentally safe product & is safe to plants, animals & human

# MATERIAL SAFETY DATA SHEET

- 1) Identification of the substance/preparation  
Product Name : **PERFECTOSE-GT**
- 2) Trade Name & Synonyms : **PERFECTOSE-GT**
- 3) Hazards Identification  
Non Listed : **NON HAZARDOUS, NON TOXIC, NON CORROSIVE, NON PATHOGENIC**
- 4) First Aid Measures  
Skin Contact : Wash with water  
Eye Contact : Flush eyes with plenty of water for 15 minutes.  
After Swallowing : Induce vomiting by sticking finger down throat or by giving soapy or strong salty water to drink. Repeat until vomit is clear. May cause diarrhoea. Call physician.
- 5) Fire Fighting Measures : Non Combustible
- 6) Accidental Release Measure  
Procedure for cleaning absorption : Clean up with water to prevent slipping or falling hazard.
- 7) Handling & Storage  
Handling : Safe for Handling  
Storage : Store in a cool dry place. Keep container closed when not in use.
- 8) Exposure Control/Personal Protection : No Protection Required
- 9) Physical & Chemical Properties  
Solubility in water : Complete  
Density : 1.30 – 1.40 gm/cc  
Calcium : 8% w/w  
Boiling Point : 110°C  
Ignition Temperature : Not Available  
Flash Point : N.A.  
Explosion Limits  
Lower : Non Explosive (Aqueous Solution)  
Upper : Non Explosive (Aqueous Solution)
- 10) Stability & Reactivity  
Condition to be avoided : None  
Incompatibility (Material to be avoided) : None  
Hazardous decomposition Product : None  
Polymerization : None
- 11) Toxicological Information  
Acute Toxicity : Non Toxic  
LD 50 Oral in Mice : >5000mg/kg body weight  
LD 50 Sprague Dawley Rat : >5000mg/kg body weight  
Further Toxicological Information : No Toxicological information

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| 12) Ecological Information |   |
| Ecotoxic effects           | :Not available  |
| Further Ecological Data    | ECOSAFE PRODUCT<br>No ecological problems are expected to occur when the product is handled and used with due care and attention. |
| 13) Disposal Consideration |   |
| Product                    | :Contact authorities or approved waste disposal company to dispose as "Biodegradable" waste.                                      |
| Packaging                  | :Disposal in compliance with official regulation.   |
| 14) Transport Information  |   |
| Note                       | :Not subjected to transport regulations.  |
| 15) Regulatory Information |   |
| Labelling                  | :Not Required   |
| Hazard Symbol              | :Not Required   |
| Risk Phrases               | :Not Required   |
| 16) Other Information      | :None   |

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions, it need not represent a guarantee of the properties of the product.