

# Material Safety Data Sheet

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Issue Date : November 2009

ISSUED by TRANQUI

Product Name : **Dutch Master GOLD ZONE**

Not classified as hazardous according to criteria of NOHSC

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

**Product Name** Dutch Master GOLD ZONE

**Product Use** Root Zone conditioning solution for use in hydroponic systems. Dilute to working strength of 1:333 (3ml per litre of water) to 1:166 (6ml per litre).

**Company Name** .

**Address**

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>	<u>HazardSymbol</u>	<u>Risk Phrase</u>
Ingredients determined not to be hazardous.		100 %			

## 3. HAZARDS IDENTIFICATION

**Human Health** No specific hazards under normal use conditions.

**Effects**

**Safety Hazards** Not classified as flammable or combustible.

**Environmental** Not classified as dangerous to the environment.

**Hazards**

## 4. FIRST AID MEASURES

**Inhalation** Remove the source of contamination or move the victim to fresh air. If symptoms develop seek medical attention.

**Ingestion** Do NOT induce vomiting. Wash out mouth with water. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

**Skin** Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

**Eye** If contact with the eye(s) occur, wash with running water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. In all cases of eye contamination it is a sensible precaution to seek medical advice.

**First Aid Facilities** Normal washroom facilities.

**Advice to Doctor** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media** Use media suitable for surrounding area.

**Specific Methods** Self-contained breathing apparatus (S.C.B.A) and full protective clothing should be worn to minimise exposure.

**Specific Hazards** Not combustible.

## 6. ACCIDENTAL RELEASE MEASURES

**Other Information** Increase ventilation. Evacuate all unnecessary personnel. Wear protective clothing to minimise skin and eye exposure. If possible contain the spill. Scoop up material and place into the same container.

## 7. HANDLING AND STORAGE

**Handling** When dealing with large quantities, repeated or prolonged exposure without protection should be avoided.

**Storage** Store in a cool, dry, well ventilated area, out of direct sunlight. Keep containers closed when not in use. Store in suitable, labelled containers.

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

**Exposure Limits** No exposure limits have been established for this material.

**Respiratory Protection** Not normally required. Where ventilation or engineering controls are not effective in controlling airborne exposure then an approved respirator should be used.

**Eye Protection** Safety glasses with side shields or goggles should be worn.

**Hand Protection** Where skin contact is likely to be prolonged or repeated impervious PVC or nitrile rubber gloves are recommended

**Body Protection** Overalls or similar protective clothing.

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**Eng. Controls** Where excessive vapours or mists are generated, the use of respiratory protection, or a local exhaust ventilation system is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Light olive green colored solution with a noticeable chlorine odor.  
**Melting Point** Not available.  
**Boiling Point** Not available.  
**Solubility in Water** Soluble.  
**Specific Gravity** Approx. 1  
**(H<sub>2</sub>O=1)**  
**pH Value** 4.5  
**Vapour Pressure** Not available.  
**Flash Point** Not applicable.  
**Flammability** Not combustible.  
**Flammable Limits** Not applicable.  
**LEL**  
**Flammable Limits** Not applicable.  
**UEL**

## 10. STABILITY AND REACTIVITY

**Stability** Stable under normal conditions of storage and handling.  
**Hazardous** Will not occur.  
**Polymerization**  
**Materials to Avoid** Not known.  
**Hazardous** None Known.  
**Decomposition**  
**Products**

## 11. TOXICOLOGICAL INFORMATION

**Toxicology** No toxicity data is available for this product.  
**Information**  
**Inhalation** Inhalation of product vapours may cause slight irritation of the upper respiratory tract.  
**Ingestion** Ingestion may cause irritation to mouth, throat and stomach. May produce nausea and vomiting.  
**Skin** The material may be slightly irritating to the skin.  
**Eye** The material may be slightly irritating eyes.  
**Chronic Effects** Prolonged or repeated skin contact may cause irritation in sensitive individuals.

## 12. ECOLOGICAL INFORMATION

No data available for this product.  
**Environ. Protection** Avoid large quantities of this material from entering the environment.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal** Dispose according to the local legislation.

## 14. TRANSPORT INFORMATION

Not dangerous for transport under UN, IMO, ADR/RID, ADG and IATA/ICAO codes.  
**U.N. Number** None Allocated  
**Proper Shipping** None Allocated  
**Name**  
**DG Class** None Allocated  
**Hazchem Code** one Allocated  
**Packing Group** None Allocated

## 15. REGULATORY INFORMATION

**Risk Phrase** Not classified.

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**Safety Phrase** Not classified.

**Poisons Schedule** Not Scheduled

**Packaging & Labelling** No special packaging or labelling requirements.

## 16. OTHER INFORMATION

...End Of MSDS...