

Material Safety Data Sheet

Issue Date : November 2007

ISSUED by TRANQUI

Product Name : **Dutch Master GOLD Grow Part A**

Not classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name Dutch Master GOLD Grow Part A
Product Use Primary source of mineral nutrition for hydroponically grown plants. Diluted at ratio of 1:200 for use. Use in conjunction with Part B.

Company Name
Address

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients Name	CAS	Proportion	Hazard Symbol	Risk Phrase
Ingredients determined not to be hazardous.		60-100 %		
Calcium nitrate	13477-34-4	5-14.99 %	Xi, O	R36/38, R8
Potassium nitrate	7757-79-1	1-9.99 %	Xi, O	R36/38, R8
Magnesium nitrate	13446-18-9	1-4.99 %	Xi, O	R36/37/38, R8

3. HAZARDS IDENTIFICATION

Human Health No specific hazards under normal use conditions.
Effects Prolonged or repeated exposure may irritate the skin.
Safety Hazards Not classified as flammable or combustible.
Environmental Hazards Not classified as dangerous to the environment.

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 Not combustible. Contains nitrates, if aqueous portion evaporates then material may accelerate burning when involved in a fire.
Specific Hazards Self-contained breathing apparatus (S.C.B.A) and full protective clothing should be worn to minimise exposure.

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. Place inert absorbent such as vermiculite, sand or dirt onto material. Mop 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.

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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.

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 Reddish brown clear solution.

Melting Point Not available

Boiling Point Not available

Solubility in Water Soluble

Specific Gravity (H₂O=1) Approx. 1

pH Value 5.9

Vapour Pressure Not available

Flash Point Not applicable.

Flammability Not combustible.

Flammable Limits Not applicable.

LEL

Flammable Limits Not applicable.

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10. STABILITY AND REACTIVITY

Stability S Stable under normal conditions of storage and handling.

Hazardous Will not occur.

Polymerization

Materials to Avoid Reducing materials.

Hazardous Decomposition Products Hazardous decomposition products include oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

Toxicology Information No toxicity data is available for this product.

Inhalation Inhalation of product vapours may cause slight irritation of the upper respiratory tract.

Ingestion Ingestion of this product may irritate the gastric tract.

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.

12. ECOLOGICAL INFORMATION

Environ. Protection No data available for this product.
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 Name None Allocated

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DG Class None Allocated

15. REGULATORY INFORMATION

Risk Phrase Not classified.

Safety Phrase Not classified.

Poisons Schedule Not Scheduled

Packaging & Labelling No special packaging or labelling requirements.

16. OTHER INFORMATION

List of R Phrases in Section 2

R8 Contact with combustible material may cause fire.

R36/38 Irritating to eyes and skin.

R36/37/38 Irritating to eyes, respiratory system and skin.

...End Of MSDS...