



## MATERIAL SAFETY DATA SHEET

PRODUCT : AgriGold  
EFFECTIVE DATE : June 2012  
REVISION No. : 1  
PAGES : 4

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

Product name **AgriGold**  
Common name Saturated acidic complex ionic solution  
Chemical name N/A  
Supplier **AgriGold Farming**  
**9 Frosterley ,La Lucia Office Estate**  
**South Africa**  
Emergency Tel/Fax 0027 31 579 3657

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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical nature of the preparation: saturated acidic complex ionic solution  
Hazardous components Weight % CAS-No  
N/A 10 N/A  
Classification  
N/A

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### 3. HAZARDS IDENTIFICATION

Most important hazards: May cause irritation after swallowing concentrate  
Specific hazards: None known.

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### 4. FIRST AID MEASURES

Inhalation: Move to fresh air.  
Skin contact: Wash off immediately with plenty of water removing all contaminated clothes and shoes.  
Eye contact: Rinse immediately with plenty of water  
Ingestion: Make victim drink water Never give anything by mouth to an unconscious person. Consult a physician.

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### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: water spray, foam, carbon dioxide (CO<sub>2</sub>)  
Special protective equipment for firefighters: None  
Specific methods: (on small fires) If area is heavily exposed to fire and if conditions permit, let fire burn itself out since water may increase the area contaminated. Cool containers / tanks with spray water.

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### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment.  
Environmental precautions: Do not flush into surface water or sanitary sewer system.

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Methods for cleaning up: Clean up promptly by scoop or vacuum. Use approved industrial vacuum cleaner for removal. Shovel into suitable container for disposal. If spill area is on ground near valuable plants or trees, remove 5cm of top soil after initial clean-up.

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## 7. HANDLING AND STORAGE

### Handling

Technical measures/Precautions: no further requirements

Safe handling advice: Use personal protective equipment. Keep away from heat and sources of ignition.

### Storage

Technical measures/Storage conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep at temperatures below 50°C. Store in a place accessible by authorized persons only.

Incompatible products:none

Packaging material: No materials to be specially mentioned.

Further information: Keep out of reach of children.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Respiratory protection: none

Eye protection: tightly fitting safety goggles or face-shield.

Hand protection: protective gloves.

Hygiene measures: Wash hands before breaks and immediately after handling the product. Keep away from food, drink and animal feeding stuffs. When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form: liquid

Colour: translucent aquamarine

Odour: none

pH: (20°C) (at 10g/l H<sub>2</sub>O) 5.3

Melting point/range: N/A

Decomposition temperature: Stable up to the melting point.

Flash point: Not applicable

Explosive properties: not applicable

Vapour pressure: <0.01 mPa @ 20 c

Relative density: 1.01

Solubility

Water solubility: completely soluble

Partition coefficient

Explosion limits: none

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## 10. STABILITY AND REACTIVITY

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Stability: No decomposition if stored and applied as directed.  
Conditions to avoid none  
Materials to avoid: N/A  
Hazardous decomposition products: N/A  
Further information: N/A

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## 11. TOXICOLOGICAL INFORMATION

Acute toxicity:  
LD<sub>50</sub>/oral/rat = N/A  
LD<sub>50</sub>/dermal/rabbit = N/A  
LC<sub>50</sub>/inhalation/4h/rat = N/A  
Local effects: Not restricted  
Sensitization: None

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## 12. ECOLOGICAL INFORMATION

Ecotoxicity effects  
Toxicity to fish and other aquatic fauna: N/A  
Toxicity to algae:  
EC<sub>50</sub>/72h/algae = 0,06mg/l  
Toxicity to birds: N/A  
Bioaccumulation: N/A

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## 13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Dispose of rinse water in accordance with local and national regulations. Must be incinerated in a suitable incineration plant authorised under the Environmental Protection Act 1990. Do not allow material to contaminate ground water system. Do not contaminate surface water.

Contaminated packaging: Do not contaminate ponds, waterways or ditches with chemical or used container. Do not re-use empty containers.

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## 14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

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## 15. REGULATORY INFORMATION

Contains: saturated acid complex ionic solution  
Symbol(s):  
R-phrase(s):  
S-phrase(s): S2 - Keep out of reach of children.  
S13 - Keep away from food, drink and animal feeding stuffs.  
S20/21 - When using, do not eat, drink or smoke.  
S24 - Avoid contact with the skin.  
S37 - Wear suitable gloves.

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S46 - If swallowed, seek medical advice immediately and show this container or label.

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## **16. OTHER INFORMATION**

Recommended use: Agricultural Bactericide Fungicide

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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