

Humate Liquid

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Registered and Distributed By: Andermatt Madumbi
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Emergency Telephone no.:27 (0)33 342 3984

Manufactured by: Industrial and Consulting Services cc.
P.O. Box 1168
Hyper by the sea
Durban 4053
South Africa

2. COMPOSITION/INFORMATION ON INGREDIENTS

Product description: Liquid Potassium Humate / Humic Acid; Fertilizer for Agricultural use
Dangerous ingredients: None

3. HAZARDS IDENTIFICATION

Important hazards: None
Risk Phrases: Inhalation, skin and eye contact may cause slight irritation.
Safety Phrases: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
After contact with skin, wash immediately with plenty of water.
If ingested, rinse mouth and drink plenty of water. Seek medical advice.
Wear suitable protective clothing, gloves and eye/face protection.
In all cases if irritation persists seek medical advice immediately

4. FIRST AID MEASURES

Symptoms and effects: No typical symptoms and effects known
General: In all cases of doubt, or when symptoms persist, seek medical attention.
Inhalation: Move to fresh air. Seek medical advice.
Skin: Remove contaminated clothing and wash area with plenty of water. Seek medical advice if irritation develops. Launder clothes before reuse.
Eye: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical advice.
Ingestion: Rinse mouth and drink plenty of water. Seek medical advice.
Advice to physician: Symptomatic treatment is advised.

5. FIRE FIGHTING MEASURES

Extinguishing media: Use appropriate to surrounding fire conditions.
Special exposure hazards None
Hazardous decomposition/combustion products: None

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: The usual precautions for handling chemicals should be observed,
Environmental precautions: Environmental precautions: Prevent material from entering sewers, waterways, or low areas.
Methods for cleaning up: Dilute and wash away with large amounts of water.
Additional advice: Dispose of in accordance with local regulations

Other information for personal protection see Section 8.

7. HANDLING AND STORAGE

Fire and explosion: No specific recommendations.
Storage requirements: Store out of sunlight. Suitable for general storage areas.
Keep out of the reach of children.
Other information: Avoid elevated temperatures.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Engineering controls: The usual precautionary measures for handling chemicals should be observed.
Exposure limits: No exposure limit has been established
Personal protection:
Respiratory: No specific recommendations.
Hand: Wear suitable gloves
Eye: Safety glasses
Skin and body: No specific recommendations.
Hygiene measures: Avoid contact with skin and eyes. Wash hands and face before after handling the product. Wash contaminated clothing before re-use.
Other information: The usual precautions for handling chemicals should be observed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Thin brown liquid
Boiling point/range: n/a
Flash point: N/A
Flammability: Not flammable
Explosive properties: N/A
Explosion limits: N/A
Oxidizing properties: None known
Vapour pressure: Not known
Specific Gravity 0.9
Bulk density: N/A
Solubility in water: Soluble
Solubility in other solvents: Not determined
pH value: 8-9

10. STABILITY AND REACTIVITY

Hazardous reactions: None known
Conditions to avoid: None known
Materials to avoid: None known
Hazardous decomposition products: None known

11. TOXICOLOGICAL INFORMATION

Name: Potassium Humate Liquid
Toxicity Data No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity No data available. Not considered toxic.

13. DISPOSAL CONSIDERATIONS

Product: Dispose of in accordance with local regulations. Avoid contamination of ponds, waterways or ditches with chemical or used container.
Spilled Material: Dilute and wash away with plenty of water.
Contaminated packaging: Triple rinse containers before disposal. If recycling, replace cap and return

clean containers to recycler or designated collection point. Empty containers can be disposed of in accordance with the local regulations.

14. TRANSPORT INFORMATION

There are no transport regulations or restrictions for this product.

15. REGULATORY INFORMATION

None applicable.

16. OTHER INFORMATION

This information only concerns the above mentioned product and does not need to be valid if used with other product(s) or in any process. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.

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