

Material Safety Data Sheet

Date prepared: 13 NOVEMBER 2004 Date revised: 11 July 2007 (Second edition)

1. Identification of the Substance/Preparation and the Company/Undertaking

Substance or preparation trade name: VITALINK PLANT FERTILISERS - MAX
Company/undertaking name & address: AQUACULTURE LTD
UNIT 3A/3B PARWAY ONE
PARKWAY DRIVE
SHEFFIELD
S9 4WU

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2. Composition

Substance: SOILLESS PLANT FERTILISER CONTAINING MINERAL SALTS
% Content: NO MORE THAN 2.5% NITRIC ACID
CAS Number: N/A
Classification: N/A
EINECS: N/A

3. Hazards Identification

Most important hazards: CAUSES IRRITATION TO OPEN WOUNDS.If ingested will cause irritation to throat, esophagus and other tissue of the digestive tract.

4. First aid measures

Skin contact: IMMEDIATELY IRRIGATE WITH OR CLEAN WATER. If irritation persists seek medical attention.
Eye contact: IMMEDIATELY IRRIGATE WITH EYEWASH OR CLEAN WATER FOR 15 MINS. Cold water must be used. Seek medical aid.
Ingestion: DRINK PLENTY OF WATER. IF VOMITING STARTS SEEK MEDICAL ATTENTION DISPLAY LABEL WHERE POSSIBLE. Never give anything by mouth to unconscious person. Do not induce vomiting.

5. Fire fighting measures

Suitable extinguishing media: NON FLAMMABLE. NON-COMBUSTIBLE. – incase of fire use CO₂ water or foam.
Unsuitable extinguishing media: N/A
Special hazards in fire: Irritating and highly toxic gases may be generated by thermal decomposition.
Required special protective equipment: Breathing apparatus.
For fire fighters: Breathing apparatus.

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6. Accidental release measures

Spillages: ENSURE SUITABLE GLOVES AND GOGGLES ARE WORN DURING REMOVAL OF SPILLAGE

Personal precautions: WEAR SUITABLE GLOVES AND GOGGLES IN CASE OF SPLASHES

Environmental Precautions: Do not pour into open waterways.

7. Handling and storage

Handling: PREVENT CONTACT WITH EYES, SKIN AND CLOTHING. WASH AFTER HANDLING.

Storage: STORE ABOVE 7⁰C TO PREVENT CRYSTALLISATION. KEEP AWAY FROM DIRECT SUNLIGHT.

8. Exposure Controls

Eye protection: WEAR SAFETY GOGGLES.

Hand protection: WEAR RUBBER GLOVES

Hygiene measures: CLEAN RUNNING WATER AND AN EYEWASH SHOULD BE NEARBY AND READY FOR USE.

9. Physical and chemical properties

Appearance: CLEAR OR GREEN/BROWN LIQUID

Odour: N/A

pH: 2.6-5.0

Boiling point: 100⁰C

Melting point: N/A

Flashpoint: N/A

Explosive properties: N/A

Vapour pressure: N/A

Relative density: 1.08g/cm³

Solubility: WATER SOLUBLE

10. Stability and reactivity

Conditions to avoid: Direct sunlight, temperatures below 7°C, excess heat, strong bases, strong oxidants and strong reducers.

Materials to avoid: Oxidizing agents.

Hazardous decomposition products: Phosphines; oxides of phosphorus, irritating and toxic fumes and gases. (Very rare).

11. Toxicological information

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Acute toxicity: N/A

Local effects: N/A

Excessive exposure may affect human health as follows:

Skin contact: MILD IRRITANT HARDING OF SKIN, EZMA, DERMINTOUS

Eye contact: MILD IRRITANT

Inhalation/ingestion: MAY CAUSE VOMITING IF INGESTED

12. Ecological information

Environmental fate and Distribution: THE PRODUCT IS SOLUBLE IN WATER. THE PRODUCT HAS LOW POTENTIAL FOR BIOACCUMULATION. THE PRODUCT HAS HIGH MOBILITY IN SOIL.

Toxicity: POSES NO SIGNIFICANT THREAT.

13 Disposal Considerations

Disposal should be in accordance with local national legislation.

14. Transport information

Classification data: N/A

15. Regulatory information

N/A

16. Other Information