

APPENDIX F MATERIAL SAFETY DATA SHEET

HEPBURN BIO NUTRIENT

PACK CODE HBC1-018 COMPILED 2006

AMENDED July 2007

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1 IDENTIFICATION OF PREPARATION AND COMPANY

TRADE NAME	Hepburn Bio Nutrient
PRODUCT TYPE	Plant Booster
USAGE	Nutrient for Bio ET
MANUFACTURER/SUPPLIER	Hepburn Bio Care UK Ltd Unit F1, 10 th Avenue Deeside Industrial Park Deeside, CH5 2UA, UK.
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2 COMPOSITION / INFORMATION ON INGREDIENTS

A blend of fish hydrolysate, kelp, amino acids and humic acid.

3 HAZARDS IDENTIFICATION

NON HAZARDOUS

4 FIRST AID MEASURES

INHALATION	Not likely to occur.
SKIN	Wash hands after use. If irritation occurs, seek medical advice.
EYE	Flush eyes with cool water and consult physician if irritation persists.
INGESTION	Give demulcent (milk). Seek medical advice.

5 FIRE-FIGHTING MEASURES

<u>EXTINGUISHING MEDIA</u>	
SUITABLE	Use appropriate media for underlying cause of fire. Product not flammable.
EXPOSURE HAZARDS	None.
HAZARDOUS DECOMPOSITION	None.
FIRE-FIGHTING PPE	Fire fighters require the necessary personal protective equipment, including self-contained breathing apparatus.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL ENVIRONMENTAL	Wear suitable protective safety goggles if required (see Section 8) Prevent large spills (over 25 Litres) from entering local watercourses (see Section 13).
CLEANING UP	Absorb onto inert material such as sand or earth. Collect into suitable containers.

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7 HANDLING & STORAGE

HANDLING	Avoid contact with eyes. Do not ingest.
STORAGE	Store in original tightly closed container. Avoid excessive heat and direct sunlight. Store in a cool, dry place.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

No exposure limits have been established for the product.

RESPIRATORY	Under normal conditions, none required.
EYE PROTECTION	Under normal conditions, none required. If potential for mist exists, wear goggles.
HAND PROTECTION	Individuals with sensitive skin may wish to wear gloves.
SKIN PROTECTION	Wear suitable clothing and shoes to avoid skin contact.
HYGIENIC WORK ROUTINES	Wash at the end of each shift, before eating, smoking and using the toilet.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE / COLOUR	Brown viscous liquid
BOILING PT. (°C)	<212°F
MELTING PT. (°C)	>32°F
FLASH PT. (°C)	Not flammable
VAPOUR PRESSURE @ 20°C	N/D
SPECIFIC GRAVITY @ 20°C	1.2
WATER SOLUBILITY	Soluble

10 STABILITY AND REACTIVITY

STABILITY	Stable under normal conditions (see Section 7).
CONDITIONS TO AVOID	Excessive heat and direct sunlight.
MATERIALS TO AVOID	Contact with strong acid and alkali, organic solvents and oxidizing agents.
HAZARDOUS DECOMPOSITION	None.

11 TOXICOLOGICAL INFORMATION

No toxicological limits have been established for the product.

ACUTE TOXICITY	This product may cause slight irritation in contact with skin and eyes.
CORROSIVITY/IRRITATION	No known hazards.
SENSITISATION	No known hazards under normal conditions. Avoid breathing excessive mist as this may cause irritation to respiratory tract.
OTHER INFORMATION	No components of this product are listed as carcinogenic by NTP, IARC or OSHA.

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12 ECOLOGICAL INFORMATION

No ecological limits have been established for the product.

BIO-ACCUMULATIVE POTENTIAL	Water soluble. Bio-accumulation is not expected.
OTHER ADVERSE EFFECTS	None.

13 DISPOSAL CONSIDERATIONS

PRODUCT	Dispose of spillages in suitable containers, according to local and national regulations.
PACKAGING	Dispose of empty containers according to local and national regulations.

14 TRANSPORT INFORMATION

NOT HAZARDOUS FOR TRANSPORT

15 REGULATORY INFORMATION

EEC CLASSIFICATION	NOT CLASSIFIED AS HAZARDOUS
RISK PHRASES	None
SAFETY PHRASES	S25 Avoid contact with eyes.

16 OTHER INFORMATION

This information is accurate according to the best knowledge of the company. Hepburn Bio Care UK Ltd does not accept any liability whatsoever arising out of the use of the information, or any use, application, adaptation or processing of the product described therein. Contact supplier for further information.