



Kerry Bio-Science
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Material Safety Data Sheet

Product Name: Biofine Clear A3
Product Code: 5B06808
Date Printed: April 25, 2007

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

Hazardous according to criteria of Worksafe Australia

Product name	Biofine Clear A3
Product code	5B06808
Description	Liquid preparation.
Use	Processing aid in the beverage industry
Supplier	Kerry Bio-Science Kilnagleary, Carrigaline, Co. Cork. IRELAND Tel. 353 21 4376400 Fax 353 21 4376480

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	Silicon dioxide
Chemical nature	Colloidal silica sol / silicic acid hydrosol
CAS no / EC no	7631-86-9 / 231-545-4
Hazard Classification	Not applicable

3. HAZARDS IDENTIFICATION

This product is an eye and skin irritant. The material is not classified as dangerous according to EU criteria. However, excessive inhalation of dust may cause irritation of the respiratory tract and contact with eyes may cause irritation.

04. FIRST AID MEASURES

Inhalation:	Remove from exposure. If irritation or allergic response develops, consult a doctor.
Skin contact:	Wash skin with plenty of cold water.
Eye contact:	Irrigate eyes with cold water for at least 20 mins. Obtain medical advice if irritation occurs.
Ingestion:	Rinse mouth thoroughly with water and drink water afterwards. Consult a doctor.

5. FIRE FIGHTING MEASURES

Suitable fire fighting extinguishing media :CO₂, foam, dry chemical, water.

Special measures: For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, such as self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Personal protective equipment as outlined in section 8 must be used when dealing with accidental release of product. Dispose of in compliance with local authority regulations.

7. HANDLING AND STORAGE.

It is important to prevent direct contact with skin. Operations which may create spillage and splashing must be avoided.

Store in a dry place at a temperature above 5°C, protected from exposure to moisture.

Shelflife: 12 months from date of manufacture

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection is necessary in circumstances where there is accidental or uncontained release of product.

Respiratory protection:	Respirator approved for solid and liquid particulates including dusts and mists e.g. 3M 8810 mask or respirator with P3 filter or equivalents
Hand protection:	Impermeable gloves
Eye protection:	Protective glasses

9. PHYSICAL AND CHEMICAL PROPERTIES

Colour/Physical state:	Colourless odourless liquid
Autoflammability:	Not applicable
Density:	1.09 - 1.35
pH:	9.0 - 11.5
Solubility:	Soluble in cold water
Melting point:	Not available
Boiling point:	Not applicable
Vapour pressure:	Not applicable
Flashpoint:	Not applicable

10. STABILITY AND REACTIVITY

This product is stable under normal conditions of use. Store in a cool, dry place at a temperature above 5°C, protected from exposure to moisture.

11. TOXICOLOGICAL INFORMATION

LD₅₀ oral, rat > 10,000mg/kg.

12. ECOLOGICAL INFORMATION

This product type is believed not to be dangerous to the environment. Biofine Clear A3 is expected to be readily biodegradable.

13. DISPOSAL INFORMATION

Product and contaminated packaging must be disposed of in accordance with local authority regulations.

Product:

Solidify with gypsum and dispose of in accordance with local, state and federal regulations.

Liquid product packaging:

Containers should be drained of excess residue and rinsed with water. The containers may then be recycled / reused or disposed of as in accordance with local authority regulations.

Powder product packaging:

Care should be taken to ensure that the packaging is free from any residues before it can be sent for recycling/reuse or further disposal in accordance with local authority regulations.

14. TRANSPORT INFORMATION

This product is not a dangerous good according to international regulations for transport.

UN No.:	Not assigned
Hazard label no:	Not assigned
IMDG code:	Not classified
ICAO/IATA:	Not classified
RID code:	Not classified
ADR class:	Not classified
CEPIC code	Not assigned
Kemler code	Not assigned

15. REGULATORY INFORMATION

It is not a dangerous preparation according to the EC directives.

16. OTHER INFORMATION

Supersedes edition of : 30/ 03/ 04 Reason for alteration : New company name and rearranging MSDS data so that format complies with EU Directive 2001/ 58/ EC

The information contained in this safety data sheet, as of the issue date, is believed to be true and correct.

However, the accuracy or completeness of this information and any recommendation or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use of this product. **The information in this sheet does not represent analytical specifications , for which please refer to our technical data sheet.**

MSDS format conforms to EC directive 2001/58/EC.

Date of preparation 05/08/04

Issue no. 4

Kerry Food Ingredients (Cork) Ltd. Registered in Ireland No 290428

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