

# SAFETY DATA SHEET



## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product Name:** Motivate Nutrient  
**Address/Phone No.** Bio8 Ltd  
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Chesterfield, S44 5Hy  
United Kingdom  
+00 44 1246 240880  
**Emergency Phone No.** +00 44 7812 604343  
**Additional Information:** andrew@bio8.co.uk

**Use of Substance / Preparation:** Stimulation of bacterial activity/growth

## 2. HAZARDS IDENTIFICATION

### EC Classification

Classification According to Regulation (EC) No. 1272/2008:  
Not classified as dangerous

Classification According to Directive 67/548/EEC:  
Not classified as dangerous

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT(S)	%WW	CAS No.	EC No.	EC Classification
Preventol CMK	0.01	59-50-7	200-431-6	R21/22 R41/43 R50

Full list of R phrases in section 16

## 4. FIRST AID MEASURES



**Inhalation** Remove persons affected by vapour to fresh air.  
**Skin Contact** Wash skin with water.  
**Eye Contact** Eyes should be washed with plenty of water.  
**Ingestion** If swallowed, seek medical advice immediately and show this container or label.  
**Further Medical Treatment** Unlikely to be required but if necessary treat symptomatically.

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## 5. FIRE-FIGHTING MEASURES

Product is not flammable.

<b>Extinguishing media</b>	Use extinguishers suited to surrounding fire conditions
<b>Unsuitable Extinguishing Media</b>	None known.
<b>Fire Fighting Protective Equipment</b>	A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Avoid contact with skin and eyes.
<b>Environmental Exposure Controls</b>	Avoid release to the environment. Contain and adsorb large spillages onto an inert, non flammable adsorbent carrier. Transfer to a lidded container for disposal or recovery. Earth may be shovelled to contain spillage and to avoid contamination of sewers and watercourses.
<b>Other</b>	Spillages or uncontrolled discharges into watercourses must be alerted to the Environment Agency or other appropriate regulatory body.

## 7. HANDLING AND STORAGE

<b>HANDLING</b>	Avoid contact with skin and eyes. Use only in well-ventilated areas. Avoid inhalation of high concentrations of vapours.
<b>STORAGE</b>	Keep container tightly closed. Keep out of the reach of children. During storage or transportation suspended particulate matter may settle out. Ensure containers are sealed before redispersing.
<b>Storage Temperature:</b>	Store in dry Frost free conditions above 2°C
<b>Storage Life:</b>	Stable at ambient temperatures.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Agricultural use only.



**Eye Protection**

Safety spectacles.



**Gloves**

Plastic or synthetic rubber gloves.

**Other**

Contaminated clothing should be thoroughly cleaned.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	Liquid.
<b>Colour</b>	Dark Brown/Black
<b>Odour</b>	No characteristic odour
<b>pH (Value)</b>	Typical 8.6 - 10.0
<b>Boiling Point (°C)</b>	No Data Available
<b>Flash Point (°C)</b>	No Data Available
<b>Flammable Limits</b>	Not applicable
<b>Explosive Properties</b>	Not applicable
<b>Oxidising Properties</b>	Not applicable.
<b>Vapour Pressure (Pascal)</b>	Not available.
<b>Density (Kg/L)</b>	Typical 1.2 – 1.22
<b>Solubility (Water)</b>	Soluble in water.
<b>Solubility (Other)</b>	No Data Available
<b>Viscosity (mPa.s)</b>	No Data Available
<b>Vapour Density (Air=1)</b>	No Data Available
<b>Relative Evaporation Rate (Ether = 1)</b>	No Data Available

## 10. STABILITY AND REACTIVITY

<b>Hazardous Reactions</b>	Stable under normal conditions.
<b>Hazardous Decomposition Product(s)</b>	None Known
<b>Incompatible materials:</b>	None known.

## 11. TOXICOLOGICAL INFORMATION

None of these effects are likely to occur under normal conditions of use, provided exposure is maintained at or below the relevant occupational exposure limits.

<b>Inhalation</b>	No evidence of irritant effects from normal handling and use.
<b>Skin Contact</b>	Unlikely to cause skin irritation.
<b>Eye Contact</b>	May cause eye irritation.
<b>Ingestion</b>	May cause irritation.
<b>Long Term Exposure</b>	No known long term hazards are associated with the use of this material.

## 12. ECOLOGICAL INFORMATION

<b>Environmental Fate and Distribution</b>	The substance has high mobility in soil. The substance has no potential for bioaccumulation.
<b>Persistence and Degradation</b>	None Known
<b>Effect on Effluent Treatment</b>	Unlikely to affect biological treatment processes.

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## 13. DISPOSAL CONSIDERATIONS

Contact supplier for specialised advice.

<b>Regulatory information</b>	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
<b>Recommended:</b>	Normal disposal is via incineration operated by an accredited disposal contractor. Containers must be decontaminated in accordance with all applicable regulations.

## 14. TRANSPORT INFORMATION

### INTERNATIONAL TRANSPORT REGULATIONS

<b>Proper Shipping Name</b>	Motivate
<b>UN No.</b>	Not applicable
<b>UN Pack. Group</b>	Not applicable

### SEA

<b>IMDG Class</b>	Not applicable
<b>IMDG EMS</b>	Not applicable
<b>UN Packing group Sea</b>	Not applicable

### AIR

<b>ICAO/IATA Class</b>	Not applicable
<b>UN Packing group Air</b>	Not applicable.

### EUROPEAN REGULATIONS: ROAD/RAIL

<b>ADR/RID Class</b>	Not applicable.
<b>ADR/RID Item No</b>	Not applicable

## 15. REGULATORY INFORMATION

This Safety Data sheet has been prepared in accordance with DIRECTIVE 67/548/EEC and CPL-REGULATON (EC) NO 1272/2008 and Annex II of EU Regulation (EC) No 453/2010 (REACH) Directive 98/24/EC and Directive 2000/39/EC

<b>EC Classification</b>	Not classified as dangerous for transport.
<b>Hazard Symbol</b>	NONE
<b>Risk Phrases</b>	NONE
<b>Safety Phrases</b>	NONE

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## 16. OTHER INFORMATION

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Bio8 Ltd gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Bio8 Ltd accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

Glossary

### **R Phrases:**

R21/22: Harmful in contact with skin and if swallowed.

R41: Risk of serious damage to eyes.

R43: May cause sensitization by skin contact.

R50: Very toxic to aquatic organisms.

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