

# MATERIAL SAFETY DATA SHEET

## 1- PRODUCT IDENTIFICATION

Manufacturer Biodevas Laboratoires  
 Adress ZA de l'Épine  
 72460 Savigné l'Évêque – FRANCE  
  
 Code of Manufacturer 72 329 D  
  
 Name of the product MC MINERAL  
  
 Packaging 5 litres can. Other packaging available on demand.  
 Description Microelements Fertilizer

## 2- COMPOSITION / INFORMATION ON INGREDIENTS & USE

Category Fertilizer  
 Ingredients:

- Water : 96.14%

Element	Formula
Calcium Metoxolane	$C_{10}H_{12}N_2O_6Ca$
Magnesium Metoxolane	$C_{10}H_{12}N_2O_6Mg$
Zinc Metoxolane	$C_{10}H_{12}N_2O_6Zn$
Manganese Metoxolane	$C_{10}H_{12}N_2O_6Mn$
Copper Metoxolane	$C_{10}H_{12}N_2O_6Cu$

Element	mg/kg	CAS	Einecs	RCE 1272/2008	67/548/CEE
<b>Calcium</b>	<b>1423 ppm</b>	31377-05-6	250-602-4	Not classified	Not classified
<b>Magnesium</b>	<b>1001 ppm</b>	62003-27-4	263-365-7	Not classified	Not classified
<b>Zinc</b>	<b>937 ppm</b>	15454-75-8	239-473-5	Not classified	Not classified
<b>Manganese</b>	<b>638 ppm</b>	29193-02-3	285-771-3	Not classified	Not classified
<b>Copper</b>	<b>707 ppm</b>	15454-74-7	239-471-4	Not classified	Not classified

## FIELD OF USES AND DOSES OF APPLICATION

Dilution within 200 to 400 litres of water maximum per hectare – Foliar spraying. Vegetables: 1 to 2 litres / hectare. Cereals: 1 to 2 litres / hectare; Arboriculture: 2 to 4 litres / hectare. Frequency: To be defined according to the plants needs.



**3- HAZARDS IDENTIFICATION**

There is no danger associated with the use of this product within the framework of the recommendations being reproduced on this document.

Inhalation	None
Ingestion	None
Skin contact	None
Eye contact	Irritating

*Comply with the rules of good practices of occupational hygiene.*

**4- FIRST AID MEASURES**

After inhalation	None
After ingestion	None
Skin contact	None
Eye contact	Rinse promptly with water or physiological saline solution

**5- FIRE FIGHTING MEASURES**

<b>Special risk</b>	None
---------------------	------

**6- ACCIDENTAL RELEASE MEASURES**

<b>Individual precautions</b>	Normally accepted practices
<b>Cleaning</b>	Clean with plenty of water

**7- HANDLING AND STORAGE**

<b>Handling</b>	Normally accepted practices
<b>Storage</b>	Store the product in its original packaging under normal temperature and away from electromagnetic sources.
<b>Best before date</b>	The product preserves its initial properties up to 36 months, in its original packaging

**8- EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Ventilation</b>	Normally accepted practices
<b>Eye protection</b>	Normally accepted practices

**9- PHYSICAL AND CHEMICAL PROPERTIES****Sensory information**

Chemical state	liquid
Colour	characteristic
Smell	characteristic



**Physical and chemical properties**

Boiling point	Not applicable
Melting point	Not applicable
pH	4.1
Flammability	Not applicable
Auto-flammability	Not applicable
Explosion hazard	Not applicable
Vapour pressure	Not applicable
Solubility	yes
Viscosity	light

**10- STABILITY AND REACTIVITY**

Stability:	Stable
Conditions to avoid:	None
Incompatibility:	None
Hazardous Decomposition Products:	Will not occur
Hazardous Polymerization:	Will not occur

**11- TOXICOLOGICAL INFORMATION**

Does not contain any ingredient classified as hazardous.

**12- ECOLOGICAL INFORMATION**

99% biodegradable

**13- DISPOSAL INFORMATION**

There are no Community provisions relating to the disposal of the product components of MC MINERAL.

**13- TRANSPORT INFORMATION**

Unregulated

**14- OTHER INFORMATION**

The information and statements in this Material Safety Data Sheet are believed to accurately reflect the scientific evidence used in making the hazard determination, but is not to be construed as a warranty or representation for which we assume legal responsibility. Additional information may be necessary or desirable depending on particular, exceptional or variable conditions or circumstances of use or storage or because of locally applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information available to you and must make independent determinations of the suitability of the information for your particular circumstances or conditions and of the completeness of the information available from all sources to assure both the proper use of the material described herein and the safety and health of employees.

