

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 1 of 10

Trade name:	MAXIGREEN		
Product code:	Date of compilation:	10.09.2015.	Version:

SECTION 1: Identification of the substance/mixture and of the company/undertaking	
1.1.	Product identifier
	Substance name: CALCIUM CARBONATE
	EC No: 207 – 439 - 9
	Synonyms: limestone, calcite, aragonite, chalk, marble, pearl
	CAS No: 471 – 34 – 1
1.2.	Relevant identified uses of the substance or mixture and uses advised against
	<p>Uses:</p> <p>Agent for faster plant growth strengthens plant immunity and resistance to pest in all kinds of plants. It is designed for foliar application, by spraying the leaves in the form of mist.</p>
1.3.	Details of the supplier of the safety data sheet
	Supplier: MINERAL PROMET D.O.O.
	Address: Juraja Habelića 32a, 10410 Velika Gorica, CROATIA
	Telephone number: 00385 1 6222 031
	Telefax: 00385 1 6222 031
	e-mail of competent person: mineralpromet@gmail.com
1.4.	Emergency telephone number
	National Protection and Rescue Directorate: 112
	Medical information: 00385 1 2348 342

SECTION 2. Hazards identification	
2.1.	Classification of the substance or mixture
2.1.1.	Classification according to Regulation (EC) No 1272/2008 (CLP)
	This substance is not classified as dangerous according to European Union legislation.
* For full text of Hazard- and EU Hazard-statements: see SECTION 16	
2.2.	Label elements
	Product identification: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
	Precautionary statement: Causes eye irritation. May cause skin and respiratory tract irritation.
2.3.	Other hazards
	None known.

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 2 of 10

Trade name:	MAXIGREEN		
Product code:	Date of compilation:	10.09.2015.	Version:

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS			
CAS No	EC No	Name	Weight % content (or range)
471 – 341 - 1	207 – 439 - 9	calcium carbonate CaCO ₃	100 %

SECTION 4. First aid measures									
4.1.	Description of first aid measures								
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 5px;">Following inhalation:</td> <td style="padding: 5px;">Fresh air.</td> </tr> <tr> <td style="padding: 5px;">Following skin contact:</td> <td style="padding: 5px;">Take off immediately all contaminated clothing. Rinse skin with water/shower.</td> </tr> <tr> <td style="padding: 5px;">Following eye contact:</td> <td style="padding: 5px;">Rinse out with plenty of water.</td> </tr> <tr> <td style="padding: 5px;">Following ingestion:</td> <td style="padding: 5px;">Make victim drink water (two glasses at most). Consult doctor if feeling unwell.</td> </tr> </table>	Following inhalation:	Fresh air.	Following skin contact:	Take off immediately all contaminated clothing. Rinse skin with water/shower.	Following eye contact:	Rinse out with plenty of water.	Following ingestion:	Make victim drink water (two glasses at most). Consult doctor if feeling unwell.
Following inhalation:	Fresh air.								
Following skin contact:	Take off immediately all contaminated clothing. Rinse skin with water/shower.								
Following eye contact:	Rinse out with plenty of water.								
Following ingestion:	Make victim drink water (two glasses at most). Consult doctor if feeling unwell.								
4.2.	Most important symptoms and effects, both acute and delayed								
	No description of any toxic symptoms available.								
4.3.	Indication of any immediate medical attention and special treatment needed								
	No information available.								

SECTION 5. Firefighting measures					
5.1.	Extinguishing media				
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 5px;">Suitable extinguishing media:</td> <td style="padding: 5px;">Use extinguishing measures that are appropriate to local circumstances and surrounding environment.</td> </tr> <tr> <td style="padding: 5px;">Unsuitable extinguishing media:</td> <td style="padding: 5px;">For this substance/mixture no limitations of extinguishing agents are given.</td> </tr> </table>	Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and surrounding environment.	Unsuitable extinguishing media:	For this substance/mixture no limitations of extinguishing agents are given.
Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and surrounding environment.				
Unsuitable extinguishing media:	For this substance/mixture no limitations of extinguishing agents are given.				
5.2.	Special hazards arising from the substance or mixture				
	Hazardous combustion products: Not combustible.				
5.3.	Additional information				
	None.				

SECTION 6. Accidental release measures	
6.1.	Personal precautions, protective equipment and emergency procedures
6.1.1.	For non-emergency personnel
	Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert.
6.1.2.	For emergency responders:

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 3 of 10

Trade name:	MAXIGREEN		
Product code:	Date of compilation:	10.09.2015.	Version:

	Protective equipment see section 8.
6.2.	Environmental precautions:
	No special precautionary measures necessary.
6.3.	Methods and material for containment and cleaning up
	Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.
6.4.	Reference to other sections
	Indications about waste treatment see section 13.

SECTION 7. Handling and storage	
7.1.	Precautions for safe handling
7.1.1.	Protective measures
	Observe label precautions.
7.1.2.	Advice on general occupational hygiene:
	Change contaminated clothing. Wash hands after working with substance.
7.2.	Conditions for safe storage, including any incompatibilities
	Tightly closed. Dry.
7.3.	Specific end use(s)
	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8. Exposure controls/personal protection				
8.1.	Control parameters			
	Substance	CAS No		
	CALCIUM CARBONATE	471 - 34 - 1		
EC No:	207 - 439 - 9			
DNEL				
Industrial				
Route of exposure:	Acute effect local	Acute effect systemic	Chronic effect local	Chronic effect systemic
Inhalation	-	-	-	10 mg/m ³
Consumer				
Route of exposure:	Acute effect local	Acute effect systemic	Chronic effect local	Chronic effect systemic

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 4 of 10

Trade name:	MAXIGREEN		
Product code:	Date of compilation:	10.09.2015.	Version:

Oral	-	6,1 mg/kg Body weight	-	6,1 mg/kg Body weight
Inhalation	-	-	-	10 mg/m ³

PNEC	
Environmental protection target	PNEC
PNEC Sewage treatment plant	100 mg/l

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Technical measures to prevent exposure:	Technical measures and appropriate working operations should be given priority over the use of personal protective equipment. See section 7.1.
---	--

8.2.2. Personal protection equipment:

	Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of the hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the respective supplier.
--	--

8.2.3. Eye and face protection: safety glasses

	<p>Hand protection</p> <p>FULL CONTACT: glove material – nitrile rubber glove thickness – 0,11 mm break through time > 480 min</p> <p>SPLASH CONTACT: glove material – nitrile rubber glove thickness – 0,11 mm break through time > 480 min</p> <p>The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374, for example KCL 741 Dermatril® L (full contact), KCL 741 Dermatril® L (splash contact).</p> <p>The breakthrough times stated above were determined by KCL in laboratory tests acc. to EN374 with samples of the recommended glove types.</p> <p>This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).</p>
--	--

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 5 of 10

Trade name:	MAXIGREEN		
Product code:	Date of compilation:	10.09.2015.	Version:

8.2.4.	<p>Respiratory protection: required when dusts are generated.</p> <p>Recommended Filter type: Filter P 2 (acc. to DIN 3181) for solid and liquid particles of harmful substances.</p> <p>The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according.</p>
--------	---

SECTION 9. Physical and chemical properties

9.1.	Information on basic physical and chemical properties	
	Physical state:	solid
	Colour:	light grey
	Odour:	odourless
	Odour threshold:	not applicable
	pH:	9,5 – 10,5 at 100 g/l, 20 °C (slurry)
	Melting point / freezing point:	825 °C (decomposition)
	Initial boiling point and boiling range:	not applicable
	Flash point:	does not flash
	Evaporation rate:	no information available
	Flammability (solid, gas):	the product is not flammable
	Upper/lower flammability or explosive limits:	not applicable
	Vapour pressure:	no information available
	Vapour density:	no information available
	Relative density	no information available
	Bulk density:	ca. 400 - 1.400 kg/m ³
	Solubility(ies):	0,014 g/l at 20 °C
	Partition coefficient: n-octanol/water (log Kow):	no information available
	Auto-ignition temperature:	not combustible
	Decomposition temperature:	no information available
	Viscosity:	no information available
	Explosive properties:	no information available
	Oxidising properties:	no information available

SECTION 10.: Stability and reactivity

10.1.	Reactivity:	See section 10.3
10.2.	Chemical stability:	The product is chemically stable under standard ambient conditions (room temperature).

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 6 of 10

Trade name:	MAXIGREEN		
Product code:	Date of compilation:	10.09.2015.	Version:

10.3.	Possibility of hazardous reactions:	Generates dangerous gases or fumes in contact with: acids, carbon dioxide ammonium compounds, acidic salts, acidic Exothermic reaction with: fluorine
10.4.	Conditions to avoid:	strong heating (decomposition)
10.5.	Incompatible materials:	no information available
10.6.	Hazardous decomposition products:	no information available

SECTION 11. Toxicological information	
11.1. Information on toxicological effects	
Acute toxicity:	
Oral:	LD50 Rat: 6.450 mg/kg (IUCLID)
Dermal:	LD50 Rat: > 2.000 mg/kg OECD Test Guideline 402
Inhalation:	Rat: > 3 mg/l; 4 h ; aerosol OECD Test Guideline 403
Specific target organ toxicity – single exposure (STOT SE):	
Oral:	This information is not available.
Dermal:	This information is not available.
Inhalation:	This information is not available.
Irritation and corrosion:	
Skin irritation	Rabbit Result: No irritation OECD Test Guideline 404
Eye irritation	Rabbit Result: No eye irritation OECD Test Guideline 405
Sensitization	
Skin sensitization:	In animal experiments: Result: negative (Lit.)
Repeated dose toxicity	
Rat male and female Oral NOAEL: 1.000 mg/kg OECD Test Guideline 422	

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 7 of 10

Trade name:	MAXIGREEN		
Product code:	Date of compilation:	10.09.2015.	Version:

Specific target organ toxicity – repeated exposure (STOT RE):	
Subacute oral	This information is not available.
Subacute dermal	This information is not available.
Subacute inhalation	This information is not available.
Subchronic oral	This information is not available.
Subchronic dermal	This information is not available.
Subchronic inhalation	This information is not available.
Chronic oral	This information is not available.
Chronic dermal	This information is not available.
Chronic inhalation	This information is not available.

CMR effects (carcinogenicity; mutagenicity; reproductive toxicity)	
Carcinogenicity:	This information is not available.
Mutagenicity <i>in-vitro</i> :	Ames test Result: negative (Lit.)
Genotoxicity:	Ames test Result: negative (Lit.)
Mutagenicity <i>in-vivo</i> :	Ames test Result: negative (Lit.)
Germ cell mutagenicity :	Result: negative Method: OECD Test Guideline 473
Reproductive toxicity:	This information is not available.

11.2.	Aspiration hazard
	This information is not available.

11.3.	General notes:
	Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately. Handle in accordance with good industrial hygiene and safety practice.

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 8 of 10

Trade name:	MAXIGREEN		
Product code:	Date of compilation:	10.09.2015.	Version:

SECTION 12. Ecological information						
12.1. Toxicity						
Organism	Dose	Exposure time	Species	Method	Evaluation	Note
Algae/aquatic plants:	IC ₅₀	72 hours	Desmodesmus subspicatus (green algae)	Growth inhibition ErC50	> 14 mg/l	OECD Test Guideline 201
Other organisms: bacteria		3 hours	activated sludge	Respiration inhibition EC50	1.000 mg/l	OECD Test Guideline 209
12.2. Persistence and degradability						
The methods for determining the biological degradability are not applicable to inorganic substances.						
12.3. Bioaccumulative potential						
No information available.						
12.4. Mobility in soil						
No information available.						
12.5. Results of PBT and vPvB assessment						
Substance does not meet the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII.						
12.6. Other adverse effects						
No ecological problems are to be expected when the product is handled and used with due care and attention.						

SECTION 13. Disposal considerations	
13.1. Waste treatment methods	
Dispose in a safe manner in accordance with local/national regulations.	
13.2. Sewage disposal – relevant information:	
PNEC Sewage treatment plant	100 mg/l

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 9 of 10

Trade name:	MAXIGREEN		
Product code:	Date of compilation:	10.09.2015.	Version:

SECTION 14. Transport information	
Transporting/shipment by road (ADR)	No information at disposal.
Transporting/shipment by rail (RID)	No information at disposal.
Transporting/shipment by inland waterways (ADN)	Not relevant
Transporting/shipment by sea (IMDG)	Not classified as dangerous in the meaning of transport regulations.
Transporting/shipment by air (ICAO-TI/IATA-DGR)	Not classified as dangerous in the meaning of transport regulations.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not relevant

SECTION 15. Regulatory information	
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture
EU regulations	
Major Accident Hazard Legislation	96/82/EC Directive 96/82/EC does not apply
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	not regulated
Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC	not regulated
Regulation (EC) No 689/2008 concerning the export and import of dangerous chemicals	not regulated
Substances of very high concern (SVHC)	
	This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (REACH), Article 57 above the respective regulatory concentration limit of $\geq 0.1\%$ (w/w).

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 10 of 10

Trade name:	MAXIGREEN		
Product code:	Date of compilation:	10.09.2015.	Version:

15.2.	Chemical safety assessment
	For this product a chemical safety assessment was not carried out.

SECTION 16. Other information

16.1.	Indication of changes:	
16.2.	Abbreviations and acronyms:	
16.3.	Key literature references and source of data:	
16.4.	Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)	
	The product does not need to be labelled in accordance with EC directives or respective national laws. Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.	
16.5.	Training advice:	Provide adequate information, instruction and training for operators.
16.6.	Further information:	The information contained herein is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of any properties of the product.