

# Material Safety Data Sheet

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** Herbagreen/Megagreen  
**Other name(s):** Calcium Carbonate; Calcite  
**Supplier:** Ngtech Pty Ltd  
**ABN:** 37 127 212 408  
**Street Address:** 77 Buckley Grove, Moolap Victoria 3224 Australia  
**Telephone Number:** +61 3 5248 0155  
**Facsimile:** +61 3 5248 0188  
**Emergency Telephone:** +61 3 5248 0155 (business hours)

## 2. HAZARDS IDENTIFICATION

Based on available information, not classified as hazardous according to criteria of ASCC; NON-HAZARDOUS SUBSTANCE.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

**Poisons Schedule:** None allocated.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Product Description:** Plant nutrition odourless powder.

Components / CAS Number	Proportion	Risk Phrases
Calcium carbonate	>82%	-

## 4. FIRST AID MEASURES

**Inhalation:** Remove victim from area of exposure - avoid becoming a casualty. Seek medical advice if effects persist.

**Skin Contact:** If skin contact occurs, remove contaminated clothing and wash skin with soap and water. If irritation occurs, seek medical advice.

**Eye Contact:** If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

**Ingestion:** Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice.

**Medical attention and special treatment:** Treat symptomatically.

77 Buckley Grove, MOOLAP VIC 3224  
PO Box 3073, GEELONG WEST VIC 3218  
P +61 3 5248 0155 F +61 3 5248 0188  
E [info@ngtech.com.au](mailto:info@ngtech.com.au) W [www.ngtech.com.au](http://www.ngtech.com.au)

# Material Safety Data Sheet

## 5. FIRE FIGHTING MEASURES

**Hazards from combustion products:** Non-combustible material.

**Precautions for fire fighters and special protective equipment:**

Decomposes on heating emitting toxic fumes, including those of oxides of carbon.

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

## 6. ACCIDENTAL RELEASE MEASURES

**Methods and materials for containment and clean up:**

Wear protective equipment to prevent skin and eye contact and breathing in dust. Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil).

Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal. Wash area down with detergent and excess water.

## 7. HANDLING AND STORAGE

**Conditions for safe storage:** Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for spills.

**Precautions for safe handling:** Avoid skin and eye contact and breathing in dust. Avoid handling which leads to dust formation.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:**

No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for constituent(s):

Calcium carbonate: 8hr TWA = 10 mg/m<sup>3</sup>

As published by the National Occupational Health and Safety Commission.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

**Engineering controls:**

Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Avoid generating and breathing in dusts. Use with local exhaust ventilation or while wearing dust mask. Keep containers closed when not in use.

77 Buckley Grove, MOOLAP VIC 3224  
PO Box 3073, GEELONG WEST VIC 3218  
P +61 3 5248 0155 F +61 3 5248 0188  
E [info@ngtech.com.au](mailto:info@ngtech.com.au) W [www.ngtech.com.au](http://www.ngtech.com.au)

# Material Safety Data Sheet

## Personal Protective Equipment:

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES, DUST MASK.

Wear overalls, safety glasses and impervious gloves. Avoid generating and inhaling dusts. If excessive dust exists, wear dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Powder
<b>Colour:</b>	Pale Pink/Pale Orange
<b>Odour:</b>	Odourless
<b>Molecular Formula:</b>	CaCO <sub>3</sub>
<b>Solubility:</b>	Insoluble in water.
<b>Specific Gravity:</b>	2.7 @ 20°C
<b>Relative Vapour Density (air=1):</b>	Not applicable
<b>Vapour Pressure (20 °C):</b>	Not applicable
<b>Flash Point (°C):</b>	Not applicable
<b>Flammability Limits (%):</b>	Not applicable
<b>Autoignition Temperature (°C):</b>	Not applicable
<b>Solubility in water (g/L):</b>	1.3mg/100g @ 18°C
<b>Melting Point/Range (°C):</b>	825
<b>Decomposition Point (°C):</b>	Not available
<b>pH:</b>	Not applicable

## 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable at ambient temperatures. Reacts with acids evolving carbon dioxide.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

<b>Ingestion:</b>	No adverse effects expected, however, large amounts may cause nausea and vomiting.
<b>Eye contact:</b>	May be an eye irritant. Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.
<b>Skin contact:</b>	Repeated or prolonged skin contact may lead to irritation.
<b>Inhalation:</b>	Breathing in dust may result in respiratory irritation.
<b>Long Term Effects:</b>	No information available for the product.
<b>Toxicological Data:</b>	No LD50 data available for the product.

77 Buckley Grove, MOOLAP VIC 3224  
PO Box 3073, GEELONG WEST VIC 3218  
P +61 3 5248 0155 F +61 3 5248 0188  
E [info@ngtech.com.au](mailto:info@ngtech.com.au) W [www.ngtech.com.au](http://www.ngtech.com.au)

# Material Safety Data Sheet

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Avoid contaminating waterways in high concentration.

## 13. DISPOSAL CONSIDERATIONS

**Disposal methods:** Refer to Waste Management Authority. Normally suitable for disposal at approved land waste site.

## 14. TRANSPORT INFORMATION

### Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

### Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

### Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

## 15. REGULATORY INFORMATION

**Classification:** Based on available information, not classified as hazardous according to criteria of ASCC; NONHAZARDOUS SUBSTANCE.

**Poisons Schedule:** None allocated.

Calcium Carbonate is listed on the Australian Inventory of Chemical Substances (AICS).

## 16. OTHER INFORMATION

This material safety data sheet has been prepared by Ngtech Pty Ltd.

### Reason(s) for Issue:

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Ngtech Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact Ngtech according to the contact details on page 1.

77 Buckley Grove, MOOLAP VIC 3224  
PO Box 3073, GEELONG WEST VIC 3218  
P +61 3 5248 0155 F +61 3 5248 0188  
E [info@ngtech.com.au](mailto:info@ngtech.com.au) W [www.ngtech.com.au](http://www.ngtech.com.au)