



Celestial Compost & Septic Conditioner Concentrate

What is it?

A fermented liquid conditioner to balance microbes in your compost and septic tank.

- Increases microbial diversity and abundance in compost
- Reduces compost odours
- Quickly breaks down raw materials such as fats and oils
- Reduces need to turn compost
- Conditions septic systems and pipes.

Ingredients

- Structured water using MEA Water ® Devices (www.meawater.com)
- Diverse and abundant range of compost tea beneficial microbe cultures
- 80+ minerals and acids
- Fermented herb extracts
- Phytonutrients

How to use

Dilute **Celestial Compost & Septic Conditioner** with good quality (structured) water at the rate of 1L Celestial + 9L water = 10L ready-to-use product. Spray 1.5L of the mix on one cubic metre of compost, ideally before it is placed on compost site.

For septic application, pour 500ml into toilet and flush.

Storage & handling

Store **Celestial Compost & Septic Conditioner** at room temperature and out of direct sunlight. Use within 18-24 months of opening.





Phi'on products are designed to address the fundamental link between healthy soils, plants, water, animals and humans.



Composting made simple

Composting is nature's way of recycling biodegradable organic waste, such as food scraps, manure, grass clippings, leaves, paper, cardboard, wood, and crop residue, and turning it into a valuable organic fertiliser.

In this process, various microorganisms, including bacteria and fungi, break organic matter down into simpler substances. The effectiveness of the process depends upon environmental conditions present in the composting system, such as temperature, moisture, material size and microbial activity diversity.

Carbon, nitrogen, and moisture are essential elements needed for the process to work. If any of these are lacking, or if they are not provided in the proper proportions, the microorganisms will not flourish and will not provide adequate heat. A composting process that operates effectively will convert organic matter into stable compost that is odour and pathogen free.

Septic system management

Both compost and septic systems are best managed as anaerobic processes. The microbes involved in septic digestion can be slightly different, however, they are essentially the same.

The main difference is that a septic system is essentially liquid with typically less than 5% solids, whereas compost is essentially solids with 5% - 10% water. When **Celestial Compost & Septic Conditioner** is added to both, the microbial diversity and abundance will increase depending on the materials in the compost and septic. The result is a complete anaerobic digestion of the materials so that the outputs can be reused.

Balancing temperature & moisture

As the metabolic rate of the microbes accelerates, the temperature within the compost system will increase. Conversely, as the metabolic rate of the microbes decreases, the system temperature decreases. Maintaining a temperature of 54 degrees Celsius or more for three to four days favours the destruction of weed seeds, fly larvae, and plant pathogens. At a temperature of 68 degrees Celsius, organic matter will double decomposition.

For best performance, moisture content within the composting environment should be maintained at around 45%. Too much water can cause the compost pile to emit obnoxious odours. Too little moisture will prevent the microorganisms from propagating, and therefore additional moisture and microbes may need to be added, with an additional turn of the pile to properly incorporate the microbes.





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How do other products compare?

Celestial Compost & Septic Conditioner significantly reduces obnoxious odours as well as reduces the need to *turn* your compost pile.

The conditioner liquid allows difficult raw materials to break down more quickly. Compost from biological waste or sewage compost can be produced using this method in just 6-8 weeks, without odour and at less cost **Celestial Compost & Septic Conditioner Liquid** can be applied as the compost materials are being prepared, during the compost building process, or during decomposition. If materials destined for the compost pile are sprayed in-situ, such as in the dairy, stables or resting areas, then the need for multiple pile turning may be significantly reduced.

Why quality water matters

Celestial Compost & Septic Conditioner Liquid is made using MEA Water® Devices. This patented technology restructures and revitalises urban water by entraining a permanent negative charge to replicate the state of water in nature. This unique natural environmental approach results in enhanced activation of beneficial microbes leading to high-quality rich compost and healthy septic tank systems. To find out more, visit www.meawater.com.

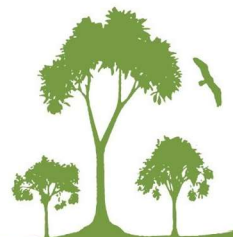
Disclaimer

This product can achieve the outcomes described above when used in accordance with the prescribed directions and advice.

To learn more about the extensive Phi'on Product Collections and related scientific research, visit www.phion.com.au and www.meawater.com.

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