

## TECHNICAL INFORMATION SHEET

PRODUCT NAME:

**ENVIRONOC 201**

Date of Issue: 01 January 2014

Revision Number: 1

Replaces all previous editions



### SECTION 1: PRODUCT IDENTIFICATION

Product Name: **ENVIRONOC 201**

Harmonized Tariff Code: **3002 90 10 00**

Manufacturer Address: ***Biodyne South Africa***  
P.O. Box 124  
Somerset West  
South Africa 7129

Telephone/Email: 082 465 7639 [info@biodyne-south-africa.com](mailto:info@biodyne-south-africa.com)



### SECTION 2: COMPOSITION

A liquid mixture produced 29 species of live microorganisms representing 10 different genera

Bacteria: Gram + and gram – strains that degrade many difficult organic compounds such as terpenes, cresols, phenols, some pesticides and herbicides.

Actinomycetes: Specialized group of bacteria that have the ability to degrade complex polymers as well as some of the compounds mentioned above..

Fungi: Mycelial fungi with complementary degradation skills.

### SECTION 3: APPLICATIONS

Wastewater treatment at citrus processors, chemical manufacturers, clothing manufacturers, paper mills and pesticide and herbicide manufacturers Increased efficiency of removal of BOD, TSS, and sludge in industrial production plants associated with terpenes, cresols, phenols, dyes, pesticides and herbicides, as well as paper mill and textile treatment systems with high natural and synthetic fiber content.

Agricultural residuals of certain pesticides and herbicides Enhanced treatment of wash water generated from the maintenance of equipment used for lawn maintenance and to disperse herbicides and pesticides.

Bioremediation of soil, groundwater and surface water Treatment of environments contaminated with many pesticides, herbicides, and wood preservation chemicals.

***Product application rates are based on volume and levels. Contact your distributor to determine the correct application rate.***

---

## SECTION 4: SPECIFICATIONS

---

|                      |                                                                                            |
|----------------------|--------------------------------------------------------------------------------------------|
| Appearance:          | Tan- to brown-colored liquid that flows like water                                         |
| Odour:               | Fresh product has a mild odour of creamed corn. Stored product will be stronger with time. |
| Packaging:           | 2, 3, 5 and 20 liter containers                                                            |
| pH:                  | 6.5 – 7.5                                                                                  |
| Concentration:       | >100 million microbes per milliliter                                                       |
| Other Ingredients:   | <0.25% mixture of soy protein, yeast extract and molasses in water                         |
| Solubility in Water: | Easily dispersible in water                                                                |

---

## SECTION 5: STORAGE

---

Store in a cool location in original container: **(Do Not Freeze)**

|                   |                                                                                              |
|-------------------|----------------------------------------------------------------------------------------------|
| Room Temperature: | At ambient temperature the product should maintain its predicted activity for up to 3 months |
| Refrigeration:    | With refrigeration, the product should maintain its predicted activity for up to 6 months    |

Note: **Use By Date** – Beyond the periods mentioned above, the product will not go “bad” but rather due to possible reduction in microbial numbers, the recommended dose for application may no longer achieve the desired result. By increasing the dose, the product may still provide acceptable results.

---

## SECTION 7: OTHER INFORMATION

---

Manufacturer's Responsibility: The information provided in this technical information sheet represents the best information about the product at this point in time. As new information appears regarding any piece of critical information in this document, it will be added.