



## TECHNICAL DATA SHEET

# Byo-Gon PX-109

### PRODUCT OVERVIEW/DESCRIPTION: Waste Water Biostimulant

Byo-Gon PX-109<sup>®</sup> is a non-toxic, non-corrosive, 100% organic, biodegradable safe product. It is a special extract of selected plant materials formulated by a patented process and its purpose is to release a newly discovered substance, Xeronine. This product invigorates the existing bacteria in the treatment system that might be functioning sluggishly due to the conditions in the environment such as high BOD loads, intermittent influent loadings, and changes in the characteristics of the waste treated.

Byo-Gon PX-109<sup>®</sup> will assist in development of a healthy facultative bacterial population improving biological treatment. Because the biology of the treatment system is improved with Byo-Gon PX-109<sup>®</sup>, healthy desired bacteria are able to out compete undesirable microbial strains and have an overall positive impact on the treatment of the waste.

### USE RECOMMENDATIONS

The product usage will vary from facility to facility due to differences in wastewater characteristics such as BOD level, pH, mineral content, etc. Generally application rates in municipal and industrial projects are in the range of 0.5 to 1.0 ppm range. Field tests to determine optimal application rates are conducted to optimize treatment efficiency. Use of advanced ATP (adenosine triphosphate) measurement technology assists in optimizing dosage rates.

### TYPICAL PHYSICAL PROPERTIES

|                         |                    |
|-------------------------|--------------------|
| ➤ Appearance.....       | Liquid             |
| ➤ Color.....            | Light Yellow Color |
| ➤ Odor.....             | Slight odor        |
| ➤ Solubility.....       | 100%               |
| ➤ pH Neat.....          | 4.5-5.0            |
| ➤ Specific Gravity..... | 1.01               |
| ➤ Boiling Point.....    | 100°C              |

### STORAGE AND HANDLING

Ingredients are non-hazardous. Do not ingest. May cause sickness if ingested in large quantities. Prolonged contact with skin may cause slight irritation. Safety glasses and gloves, as a minimum, are recommended when handling. Keep Container closed when not in use. Store product in a dry

and cool area. Refer to the *ByoGon PX-109* Material Safety Data Sheet (MSDS) for other safety and handling information.

## **PACKAGING**

*Byo-Gon PX-109* is shipped from the manufacturing facility and regional distribution centers in 5 gallon, 55 gallon and 275 gallon containers. Bulk quantities are available upon request.

## **ADDITIONAL INFORMATION**

If you need additional information, please contact our offices.