

# GP-1120



## Bacterial Treatment for the Degradation of Aromatic Compounds

**GP-1120** is a specially formulated microbial product, containing primarily Nitrosomonas species. GP-1120 oxidises ammonia in waste streams treated within aerobic biological waste water treatment facilities.



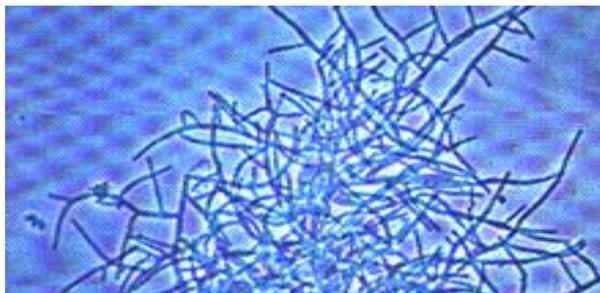
**GP-1120** contains a high concentration of nitrifying micro-organisms. The bacteria are selected for their ability to rapidly oxidize ammonia.

The formulation and storage of **GP-1120** is carried out at low temperatures to ensure high product quality and maintain an acceptable shelf life. It should be noted that **GP-1120** is an active biological product and should be stored at 4°C prior to use. DO NOT FREEZE.

### Benefits of GP-1120

- Rapid establishment of Nitrification in newly constructed or seasonably operated Waste Water Treatment Plants.
- Re-Seeding Nitrifying Bacteria into systems with a reduced Nitrifying capability and performance. Frequently systems designed to nitrify struggle to maintain performance for a variety of reasons. Increasing the nitrifying bacterial population through the use of **GP-1120** can boost plant performance and maintain effluent standards.
- Improved Ammonia Oxidation in Waste Water Treatment Systems where a marginal Sludge Age impedes consistent Nitrification. **GP-1120** application introduces sufficient numbers of bacteria to maintain nitrifying activity.
- Establishing Ammonia Oxidation in Waste Water Treatment Plants where a influence of adverse Biochemical conditions suppresses any natural Nitrification Activity. **GP-1120** can be used to maintain ammonia oxidation by boosting the number of more robust nitrifiers in the system to compensate for the reduction in plant performance.

We take great pride in offering green, environmentally sustainable chemical solutions and as such all the products in the **GP** range are produced using **environmentally friendly** methods and are formulated to be **fully biodegradable**.



**Fully  
Biodegradable  
and  
Environmentally  
Friendly**

### **TECHNICAL SUPPORT**

We are happy to offer on-site technical support during all stages of production. Technical support includes on-site testing and results.

### **PRODUCT SAFETY**

All our products are thoroughly researched and tested. All products are also COSHH registered and come complete with delivery.

**For more information please contact us directly on**

**08456 432 900**