Tangsons Biotech

FOR WATER FOR LIFE

Odor Control Microbe

Protects your community standing by

controlling sulfur-based odors

Biological Odor Control

Introduction

Driven by environment protection, the requirement for improved odor control may exist in many industrial facilities, To improve the quality of air they are emitting, odor control has come into focus to reducing toxic chemical emissions.

Odors emitted from manufacturing facilities can impact an operation in many ways:

- Public complaints about odor can negatively affect an industry's image in the marketplace and its ability to carry out an effective public relations policy with the surrounding community.
- Safety concerns can arise from people working in areas where odors can overcome them.
- Productivity impact can be seen in areas of a facility where objectionable odors exist due to employee avoidance or neglect.
- Production can be affected through the presence of odors and odor producing conditions which taint product quality.
- Equipment integrity can be threatened by the presence of many odors which are corrosive in nature.

With this in mind, YIJIN group has developed a treatment program which offers a biological solution to this industrial need in an easy to apply and economical manner. It is this technology which affords YIJIN a definite competitive advantage in this area.

What is Odor Control Microbe

Odor control microbial enzyme is contains patented biological odor control technology and can degrade hydrogen sulfide mercaptans, and volatile fatty acids.

A biological odor control program offers superior odor prevention because it works in the same environments where odors are generated. Furthermore, it has no unintended negative impact on the biological treatment system.

Odor Control in the Industrial Market Place

Potential for odor control technologies exists in many industries:

- ✓ Pulp & Paper Mills & Textile Mills
- ✓ Waste water Treatment Plant
- ✓ Landfill & Waste station
- ✓ Livestock Farm & Slaughter house
- ✓ Food Processing Facilities
- ✓ Oil Refineries/Hydrocarbon Processing Indus-tries (HPI)
- ✓ Foundries/Steel Mills/Automotive Plants

What is the benefit:

- ➢ 95 % ammonia nitrogen reduction
- ➢ 90% sulfur-hydrogen reduction;
- ➢ Quickly suppress spoilage organisms growth;
- ➢ Harmless to human and animals;
- ➢ Non-secondary pollution;

Dosage & Application :

Application	Dosage	Method
WWTP	15: 1 (gm/cum)	Mix with water, 1:50 ratio, sprinkle into in-flow place of aerator tank
Pulp & Paper Mill		
Textile Mill		
Biogas plant		
Landfill	15:1 (gm/sqm)	Mix with water, 1:20 ratio, sprinkle by spraying machine
Waste station		Mix with water, 1:20 ratio, sprinkle to wall and floor, waste,
Slaughter house		
Livestock farm		

Case