

Composting Odor

Introduction

The usual odour sources considered in compost facilities are from the main processing activities that involve fugitive emissions from vessels and aeration systems, or active composting piles (if not enclosed). Odours associated with specific types of VOCs include the rotten egg or rotten cabbage smell of reduced sulphur compounds, the vinegar smell of volatile fatty acids, the fishy smell of ammonia, the smell like nail polish remover of ketones, and the sharp unpleasant odour of aldehydes. Major emissions of odours and VOCs occur during the process of turning over the compost piles for aerobic biological treatment, and vary with time and type of handling, as well as temperature and humidity.



SOLUTION

- **Valens product** is a revolutionary product that breaks down organic waste and eliminates odor causing compounds at the source. It is highly effective in digesting waste products comprising fats, proteins, carbohydrates and cellulose, and is suitable for most manure treatment systems. **Valens product** is ideal for digesting sludge, managing nutrient loads and reducing odor from manure lagoons.

Key Benefits

- Removes odors at source
- Reduces Volatile Organic Compounds (VOC) emissions
- Helps break down organic waste
- Reduces waste volume
- Accelerates composting time
- Improves leachate water quality
- 100% natural and non-toxic

Instructions for Use in Windrows (Odor Control)

1. Open package and mix **Valens product** into water) at (1kg to 1,000L).
2. Mildly agitate and allow 15 minutes for activation.
3. Spray to surface at 3ppm or to (400m2).

Contact

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