



# NT PRODUCT

UNIQUE TO ATOMES

## BIOTECHNOLOGY BASED ELIMINATES VFAs and H<sub>2</sub>S

### DESCRIPTION

**NT PRODUCT** is an environmentally benign, non-toxic and non-biocidal liquid for odor control. Under anaerobic conditions, bacteria metabolize organic carbon compounds to produce malodorous and explosive chemicals. These chemicals, (which include volatile fatty acids (VFA's), hydrogen sulfide (H<sub>2</sub>S) and mercaptans) create nuisance odors objectionable to citizens living near or around municipal waste treatment plants. **NT PRODUCT** effectively and economically prevents the production of VFA's, H<sub>2</sub>S and mercaptans, thereby stopping odors from forming thus creating a pleasant living environment.

### DESCRIPTION

**NT PRODUCT** is a powdered product that is applied at low concentrations depending upon the initial concentration of hydrogen sulfide and/or volatile fatty acids. This product is generally applied in areas where VFAs and H<sub>2</sub>S are generated such as: water and wastewater treatment plants, pulp and paper mills, petroleum wells, municipality drains and septic systems, grease traps and wherever anaerobic activity is present. A start-up concentration to prevent the formation of these malodors varies from 25 to 100 ppm. Unlike other products, **NT PRODUCT**:

- Is not a biocide
- Is environmentally-friendly and not toxic
- Prevents the initial formation of these malodors and does not only mask it.
- Modifies the metabolism of anaerobic bacteria and does not kill these bacteria essential for anaerobic biodegradation, therefore BOD and COD are not affected.

### PRECAUTIONS

**Warning** : May cause eye irritation.

**Precautionary measures** : Do not ingest. No special personal protection equipment required.

**First Aid** : **Eyes** : Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

**Ingestion** : Drink several glasses of water or milk. Seek medical attention.

**KEEP OUT OF REACH OF CHILDREN.**

**Ingredients** : Electron acceptors, etc.