

## Odor Eliminating Technology

### Convert odor molecules into non-volatile compounds

#### AirSolution™ 9149 COMPLEX ODOR CONTERACTANT

AirSolution 9149 odor counteractant is a complex blend of essential oils and odiferous organic compounds found in plants. The reaction, through a series of absorption and decomposition processes, convert odor molecules into non-volatile compounds-reducing both their odor concentration and intensity.

AirSolution 9149 is optimized to eliminate organic odors created by composting and wastewater treatment; and is non-toxic and non-corrosive, making it ideal for numerous applications and safe to handle fog or mist in areas where there will be human contact.

#### Specifications

##### Average Feed Rate Guideline

###### Topical:

Dilute Concentrate 100 - 1

###### Fogging Treatment:

.3 to .5oz. of concentrate per Nozzle per hour

###### In-duct Treatment:

1oz. of concentrate per 1,500 - 3,000 CFM of airflow per hour

###### Misting Treatment:

1 - 5 gallon drum of concentrate makes 55 gallons then dilute 140 - 1 to 300 - 1

Concentrate available in 5 gallon and 55 gallon  
Ready - to - use (RTU) available in 5 gallon and 55 gallon

Guidelines for calculating chemical usage are estimates only. Actual usage is effected by odor concentration, environmental temperature, particulate levels, etc. Contact your HLS Ecolo representative to discuss your application.

#### airSolution™ 9149 Tested to Reduce odors:

##### ODOROUS SUBSTANCE CONTROL SAMPLE AIRSOLUTION 9149

NH <sub>3</sub>	37 mg/m <sup>3</sup>	<19 mg/m <sup>3</sup>
Acetaldehyde	100%	not detectable
2methyl 1propanol	100%	not detectable
Acetone	100%	14%

For details on **Third Party Efficacy Testing**, and **Field Trials** visit our website at: [www.hlsecolo.com](http://www.hlsecolo.com)

#### Types of Odors Treated

Amine Compounds

Mercaptans

Aldehydes and Ketones

Nuisance Organic Odors

Organic Acid Odors

Animal Waste Odors

Low Level H<sub>2</sub>S (open areas)

#### Application Areas

- Compost Preparation and Windrow areas
- Compost site Perimeter
- Municipal Waste Water Treatment Plants
- Manufacturing sites
- Exhaust stacks
- Roof and wall fan discharges,
- Processing areas
- Other open spaces and contained areas

#### HLS Ecolo Application Systems

- AirStreme AMS Misting System
- LMC™ High Pressure Fogging System
- Mist Pro Chemical Dilution & Feed System
- QCID and VPS Systems

