

# AERO4 EF ODOR CONTROL

*Ncm odor*

425 Whitehead Avenue  
South River, NJ 08882  
Phone—800-957-6543  
Fax— 732-238-5590

## GENERAL DESCRIPTION:

AERO4 EF reacts synergistically with odor molecules. A balance must be achieved with stoichiometric concentrations of the malodor and the counteractant, yielding pairs that are antagonistic and cancel each other out. When the equilibrium point is reached, the perception of the offensive odor is altered and resultant detection is neutral. Concurrently, Van der Waals forces yield an unrecognizable molecule and the receptor site does not transmit a signal. When used at normal use dilutions, NCM Odor Control products are safe and environmentally non-hazardous; all components are GRAS (Generally Recognized as Safe). They contain no carcinogens; they are biodegradable; they do not bio-accumulate. This series of odor control products show no intro genetic toxicity. The LD<sub>50</sub> is greater than 29,000 mg/kg. The NCM Odor Control products do not build up in the food chain. There is virtually no risk to aquatic life when wastewater treatment is handled safely and effectively. AERO4 EF is a naturally derived, concentrated odor control treatment, which is biologically engineered through micro vaporization to neutralize, absorb and eliminate malodors associated with municipal and industrial garbage, composts, sewage and sludge. It contains proprietary inhibitors and dispersing agents for safe, effective use with NCM Odor Control systems; this also prevents damage to equipment and ensures proper operation of NCM dispersing systems.

## PROPERTIES:

Chemical composition . . . . . Essential Oils & Botanicals, Emulsifiers and Stabilizers, proprietary neutralizer, fragrance

Appearance . . . . . Low viscosity liquid

pH . . . . . 6.5 - 7.5

Specific Gravity . . . . . 1.012 (8.4 lbs./gallon)

Foam . . . . . Moderate, fast breaking

Cloud Point . . . . . 125°F

For storage stability at elevated temperatures

Odor . . . . . Neutralizing, characteristic

Non- Corrosive

CONEG compliant

Does not contain any HAP's.

Does not contain any RCRA or SARA III.

Non- ODP; does not contribute to Global Warming.

## DIRECTIONS FOR USE:

This product is intended for use in high pressure, linear atomizing systems. Primary application is in landfills and transfer stations. Normal use dilution range is one part to between 500 and 1,500 parts of water. Other dilutions may be applicable depending on operating conditions. Your field representative will supply further use instruction.

## HANDLING PRECAUTIONS:

### CAUTION - FIRST AID

**EYES:** Flush with water for at least 15 minutes. If irritation persists, obtain medical attention. **SKIN:** Wash with plenty of water for 15 minutes. If irritation occurs and persists, obtain medical attention. **INHALATION:** Remove from exposure. If discomfort occurs and persists, obtain medical attention. **INGESTION:** Drink water to dilute. Obtain medical advice by phone.

## KEEP OUT OF REACH OF CHILDREN

## PACKAGING:

5 gal plastic pail - 41 lbs. net / 44 lbs. gross

55 gal plastic drum 473 lbs. net / 490 lbs. gross

275 gal tote bin 2365 lbs. net / 2450 lbs. gross

**MATERIAL SAFETY DATA SHEET****ENVIROCHEM, INC**

425 WHITEHEAD AVE

SOUTH RIVER, NJ 08882

Phone 732-238-6700

N.A.=Not Applicable

Not Est.=Not Established

Prepared by: Regulatory Affairs Department

Date: 04/01/2011

**SECTION 1 - GENERAL PRODUCT DATA**

**Product Name:** SL6000 BOTANICAL NEUTRALIZER  
**Product Code:** AERO4EF  
**HMIS Legend:** 4-Extreme 3-High 2-Moderate 1-Slight 0-Insignificant  
**HMIS Hazard Code:** Health:1 Flammability:0 Reactivity:0  
**Chemical Family:** Odor Control  
**D.O.T. Shipping Name:** Compound, Cleaning Liquid

**CHEM-TEL, INC.**  
**24 Hour Emergency Contact 1-800-255-3924**  
**Chemical Strength:** Neutral  
**Formula:** Proprietary  
**Hazard Class:** N/A

**SECTION 2 - HAZARDOUS INGREDIENTS**

CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH	TLV	%
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Unidentified ingredients are not considered hazardous under the Federal Hazard Communications Standard (29 CFR 1910.1200)

**SECTION 3 - PHYSICAL DATA**

**Boiling Point (°F):** 214  
**Vapor Pressure (mm Hg):** = N/A  
**Appearance:** Brown, low viscosity liquid  
**Specific Gravity:** .98  
**Percent Volatile By Volume:** N/A  
**Evaporation Rate:** = N/A  
**Odor:** Characteristic                      **pH:** 7.1 (Concentrate)

**SECTION 4 - FIRE AND EXPLOSION DATA**

**Flash Point (F):** None  
**Flammable Limits:** N/A  
**Unusual Fire & Explosion Hazards:** Not considered combustible  
**Special Fire Fighting Procedures:** This product is not normally considered combustible and will not burn or sustain combustion

**SECTION 5 - HEALTH HAZARD DATA**

**Route(s) of Entry:** Inhalation: No    Skin: Yes    Ingestion: Yes                      **Threshold Limit Value:** N/A  
**Effects of Overexposure:** Contact with eyes may cause irritation or burns. May cause irritation and defatting of the skin.  
**Emergency & First Aid Procedures:**  
**For Skin:** Wash with cool running water. Seek medical attention if irritation develops.  
**For Eyes:** Rinse with cool running water for 15 minutes. Seek medical attention if irritation develops.  
**If Ingested:** If swallowed, give several cups of water to dilute. Do not induce vomiting. Seek medical attention. Never give anything by mouth to an unconscious person.

**Carcinogen:** Not considered carcinogenic by OSHA, NTP, or IARC

**SECTION 6 - REACTIVITY DATA**

**Stability:** Stable  
**Conditions to Avoid:** Spills and careless handling  
**Incompatibility:** Strong oxidizing agents  
**Hazardous Decomposition Products:** None anticipated  
**Hazardous Polymerization:** Will not occur

**SECTION 7 - SPILL OR LEAK PROCEDURES**

**Steps to be taken if material is released or spilled:**  
 Spills may be slippery. Stop flow of product. Collect large spills for proper disposal. Wash spill area with plenty of water.  
**Waste disposal method:** Dispose of in accordance with all applicable federal, state and local regulations. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.

**SECTION 8 - SUGGESTED PROTECTIVE EQUIPMENT**

**Respiratory Protection:** None usually required  
**Ventilation:** Adequate general ventilation  
**Protective Gloves:** Rubber or latex gloves  
**Eye Protection:** Safety glasses recommended  
**Other Protective Equipment:** None usually required

**SECTION 9 - SPECIAL PRECAUTIONS**

**Precautions to be taken in handling and storage:**  
 Store at room temperature. Keep from freezing. Keep container closed when not in use. Use with adequate ventilation. Avoid contact with eyes.  
**Other Precautions:** Do not take internally. Avoid contamination of food. For industrial use only. Keep out of reach of children. Do not mix with anything but water. Avoid strong oxidizing agents.

**SECTION 313 SUPPLIER NOTIFICATION**

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:

This information must be included in all MSDS's that are copied and distributed for this material.

**NOTICE**

The information contained in this MSDS was obtained from current and reliable sources, however the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy, including the implied warranties of merchantability or fitness for a particular use or method of application. Since the conditions or handling, storage and disposal of this product are beyond the control of this company, it is not responsible for loss, injury and expense arising out of the products improper use.