

Hinsilblon's Eco-Solar Alternative Energy Odor Control Systems are powered by the energy of the wind and sun.

These environmentally safe systems are designed to neutralize fugitive nuisance odor emissions while minimizing your carbon footprint.

The portable Eco-Solar Units are completely self-contained and mounted on a rugged, heavy duty trailer for mobility.

This system is ideal for the treatment of remote odor sources where there is no electricity or clean water nearby.

The Eco-Solar Odor Control Systems do not require gas or diesel powered engines, eliminating the exhaust emissions associated with other odor neutralization equipment.



► SYSTEM COMPONENTS

Solar Panels

224 watt poly-crystalline silicon photovoltaic module.

High sunshine to electricity conversion efficiency.

Built in bypass diodes minimize power loss caused by shading.

Strong and durable, built to withstand extreme conditions such as high winds and hailstorms.



Wind Turbine

Begins producing power with as little as 7 MPH wind speed.

Nine foot diameter rotor dimension.

Produces 1,000 watts of power at 26 MPH.

Can withstand 120 MPH winds.

Over speed protection will turn out of wind if the wind is too strong.



► **SYSTEM COMPONENTS**

Batteries

- Heavy duty deep cycle traction batteries.
- Built in autonomy to keep the system running even when there is no sun or wind.
- Sealed, maintenance free batteries with a three year warranty.



Charge Controllers

- Made by Outback, a respected name in the solar industry.
- Protects batteries from being over or under charged.
- Keeps batteries optimally charged.
- Keeps track of power produced by solar panels and turbine.
- Active power point tracking.
- Two year warranty.



► **THE BIO|SCENT PRODUCT LINE**

Bio|Scent contains a safe blend of biodegradable essential oils extracted from natural plant origins, trace elements and a mild surfactant. BioScent is authorized by the USDA for odor neutralization in federally inspected meat and poultry facilities.

The product does not contain any petroleum distillates, alkalis, or chlorinated solvents, and is non-toxic and non-hazardous.

The liquid product contains no hazardous air pollutants as promulgated under the Clean Air Act 40 CFR part 63, sub part C.

Independent Testing Evaluated and Accepted Dilution Ratio

City of New York, Division of Municipal Supply Services, Malcolm Pirnie Consulting Engineers, St. Croix Sensory, Inc
 Bio|Scent™ Dilution 54 to One with water.

Agency/Lab	Test	Results
USDA	Use Authorization	Acceptable
Davis & Floyd	Acute Definitive Toxicity Testing	LC 50-256
Sequoia Analytical	Bio/Assay	LC 50-620
Tox Monitor	EPA/FIFRA 81-4	Class IV Primary Eye Irritation
Tox Monitor	EPA/FIFRA 81-3	Class IV Acute Inhalation
Tox Monitor	EPA/FIFRA 81-1	Class IV Acute Oral Toxicity
Tox Monitor	EPA/FIFRA 81-5	Class IV Primary Dermal Irritation
DellTech	NFPA, Health	1
DellTech	NFPA, Flammability	0
DellTech	NFPA, Reactivity	0
Eckenfelder	BOD/COD	Biodegradable
Scientific Material	APHA219	Biodegradable