

# Material Safety Data Sheet

## The Ecology Works® Anti-Allergen Solution

Safety Data Sheet  
OECD Format

### HAZARD RATING

4 = Extreme  
3 = High  
2 = Moderate  
1 = Slight  
0 = Insignificant

### Anti-Allergen Solution Rating

Fire – 0  
Toxicity – 0  
Reactivity – 0  
Special – 0  
Health – 0  
Safety – 0

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**PRODUCT:**  
**The Ecology Works®**  
**Anti-Allergen Solution**

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**Product Name:** The Ecology Works® Anti-Allergen Solution  
**Supplier:** The Ecology Works®  
PO Box 187  
Hobe Sound, FL 33475 USA  
Product Information (800) 353-2649 Monday-Friday 9-5 EST  
**Emergency Telephone Number:** (800) 222-1222 available 24 hrs.

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Name of the Substance:**

No active ingredients are present in concentrations greater than 1% by weight. At these levels none of the ingredients identified in this formulation are known by any governmental regulatory agency to pose any hazard to human health.

**Aqueous Oxidant, Denaturant**  
**Recommended Use:** Neutralizing  
protein allergens

<u>Component</u> <u>Number</u>	<u>Concentration Range</u>	<u>CAS</u>
Water	>3,200 PPM by Weight	7732-18-5
Proprietary surfactant	<300 PPM by Weight	Mixture
Sodium bicarbonate	<Less than 1000 PPM	144-55-8

Formula contains items considered to be a Trade Secret and are withheld in accordance with OSHA 29 CFR XVII- 1910.1200 Section (i) "Trade Secrets". Contains no hazardous components as listed in 29 CFR 1900.1200 or other pertinent OSHA Regulations.

## 3. HAZARDS IDENTIFICATION

**Most Important Hazards:** None  
**Specific Hazards:** In extremely rare cases a minor ocular irritation may occur.

## 4. FIRST AID MEASURES

**General Advice:** Product exhibits no adverse effects.  
**Inhalation:** Non-reactive -- No medical treatment needed -- breathe fresh air.  
**Skin Contact:** Non-irritating -- No First Aid needed.  
**Eye Contact:** Rinse thoroughly with plenty of water.  
**Ingestion:** Non-toxic, drink several glasses of water-- No First Aid needed.

## 5. FIRE-FIGHTING MEASURES:

**Suitable Extinguishing Media:** The product itself does not burn.  
**Specific Hazards:** None  
**Specific Methods:** Product itself can be used to put out fires

## 6. ACCIDENTAL RELEASE MEASURES:

**Engineering Measures:** General room ventilation is satisfactory. A spill provides no environmental concerns.  
**Control Parameters:** None needed. Dry up to prevent Slip or Fall Hazard.  
**Personal Protection Equipment**  
**Respiratory:** None needed.  
**Eye:** None needed.  
**Hand:** None needed.  
**Hygiene Measures:** No special requirements needed.

**7. HANDLING AND STORAGE**

<b>Technical Measures/Precautions:</b>	Normal ventilation is adequate.
<b>Safe Handling Advice:</b>	KEEP OUT OF THE REACH OF CHILDREN.
<b>Technical Measures/Storage Conditions:</b>	Keep away from excessive heat and strong acids.
<b>Incompatible Products:</b>	Avoid combining with STRONG ACIDS.
<b>Packaging Material:</b>	No restrictions.

**8. EXPOSURE CONTROL/PERSONAL PROTECTION**

<b>Engineering Measures:</b>	General room ventilation is satisfactory.
<b>Control Parameters:</b>	None needed.
<b>Personal Protection Equipment</b>	
<b>Respiratory:</b>	None needed.
<b>Eye:</b>	None needed.
<b>Hand:</b>	None needed.
<b>Hygiene Measures:</b>	No special requirements needed.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Form:</b> water transparent liquid	<b>pH:</b> 8.8
<b>Odor:</b> pleasant fresh scent	<b>Flash Point:</b> None to IBP 100°C (212.9°F)
<b>Boiling Point/Range:</b> 100°C (212.9°F)	<b>% Volatile by Volume:</b> Nil
<b>Freezing Point:</b> (32°F)	<b>Water Solubility:</b> Completely water soluble
<b>Explosive Properties:</b> None	<b>Specific Gravity:</b> 1.05
<b>Vapor Pressure:</b> Does not apply	<b>Volatile Organic Compounds:</b> None

**10. STABILITY AND REACTIVITY**

<b>Conditions to Avoid:</b>	Contact with strong acids.
<b>Materials to Avoid:</b>	Strong acids
<b>Hazardous Decomposition Products:</b>	None
<b>Hazardous Polymerization:</b>	No Hazardous Polymerization will occur.

**11. TOXICOLOGICAL INFORMATION**

<b>Acute Toxicity:</b>	Non-toxic.
<b>Local Effects:</b>	None.
<b>Specific Effects:</b>	None.

**12. ECOLOGICAL INFORMATION**

Non-toxic, non-hazardous, safe for the environment. This product has been determined to be readily biodegradable according to OECD Method, Modified Sturm Test.

**13. DISPOSAL CONSIDERATIONS**

The Ecology Works Anti-Allergen Solution poses no hazard to air, water aquatic life, or humans.

**Waste from Residues/Unused Products:** Can be reused after filtering. Product is recyclable. May be disposed of in neat form. There are no components in this formulation listed as hazardous subject to 40 CFR 372.

**14. TRANSPORT INFORMATION**

Not classified as hazardous by DOT per Title 49. Not regulated under international regulations. No U.N. number.

**15. REGULATORY INFORMATION**

Contains No hazardous components under current OSHA definitions including 29 CFR 1900.1200. No SARA Section 313 Chemicals. Product is Not listed under California Prop 65. Product meets CARB, and all known regulatory considerations. All chemicals used in the manufacture are listed in TSCA Inventory.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release, and is not to be considered a warranty or quality specification. Not valid for such material used in combination with any other materials or in any process, unless specified in the text.