



**Safety Data Sheet**  
**Anti-Allergen**  
**Laundry Detergent**

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

1.4 Product Name: Anti-Allergen Laundry Detergent

HMIS Rating		
H	0	
F	0	
R	0	
PE	--	

GHS Rating

(No. 1.4)  
Division 1.4

Anti-Allergen Laundry Detergent  
AALD05052023

for The Ecology Works  
West Palm Beach, FL

(561) 880-6769  
(800) 222-1222

**1.5 Medical Emergency**

**SECTION 2: Hazardous Identification**

**2.1 Emergency Overview**

**OVERVIEW:** Anti-Allergen Laundry Detergent causes no potential hazard.

**IMPORTANT HAZARDS:** None **SPECIFIC HAZARDS:** In rare cases a minor ocular irritation may occur. Standard eye test for surfactant mixture-maximum mean score 5.0/110/0 Minimally irritating.

<b>HMIS Rating:</b> PPE: None	<b>Health:</b> 0	<b>Flammability:</b> 0	<b>Reactivity:</b> 0
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**2.2 Potential Health Effects**

**Eye Contact:** Eye contact may cause eye irritation with discomfort.

**Skin Contact:** Skin contact may cause irritation. Prolonged contact may cause dermatitis.

**Ingestion:** Ingestion may be harmful and may cause irritation of the gastrointestinal tract, and may cause nausea, vomiting and diarrhea.

**SECTION 3: Composition/information on ingredients**

**3.1 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 Laundry Detergent**

Component	Concentration Range	CAS:
Water	70%	7732-18-5
SLES	22%	9004-82-4
Sodium Bicarbonate	<Less than <1%	144-55-8
Proprietary Surfactant	<Less than <1%	
Proprietary Oxidant	<Less than <1%	

**3.2 Recommended use:** Anti-Allergen Laundry Detergent for reducing protein allergens in fabric. 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.

**SECTION 4: First aid measures****4.1 Description of first aid measures:**

**4.2 General Advice:** Product exhibits no adverse effects

**4.3 Inhalation:** Non-reactive

**4.4 Skin contact:** Non-irritating

**4.5 Eye contact:** Rinse thoroughly with plenty water

**4.6 Ingestion:** Non-toxic, drink several glasses of water

**4.7 Special treatment needed:** None

**SECTION 5: Firefighting measures**

**5.1 SUITABLE EXTINGUISHING MEDIA:** The product itself does not burn.

**5.2 UNSUITABLE EXTINGUISHING MEDIA:** None

**5.3 SPECIFIC HAZARDS ARISING FROM SUBSTANCE OR MIXTURE:** None

**5.5 HAZARDOUS COMBUSTION PRODUCTS:** None

**5.6 SPECIFIC METHODS:** Product itself can be used to put out fires.

**5.7 ADVISE FOR FIREFIGHTERS:** Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures.**

**6.2 For non-emergency personnel:** Avoid contact with skin and eyes

**6.3 Environmental precautions:** Keep away from drains, surface and ground water.

**6.4 ENGINEERING MEASURES:** General room ventilation is satisfactory. A spill

provides no environmental concerns.

**6.5 CONTROL PARAMETERS:** None needed. Dry up to prevent slip or fall hazard.

**6.6 PERSONAL PROTECTION EQUIPMENT**

**RESPIRATORY:** None Needed

**EYE:** None Needed

**HAND:** None Needed

**HYGIENE MEASURES:** None Needed

**SECTION 7: Handling and Storage**

**7.1 Precautions for safe handling:** No special measures are necessary.

**7.2 Advice on general occupational hygiene:** Keep away from food, drink and animal feeding areas.

**7.3 Conditions for safe storage, including any incompatibilities:** Keep only in the original container. Keep container tightly closed.

**7.4 Incompatible substances or mixtures:** Strong acids

**7.5 Consideration of other advise. • Specific design for storage rooms or vessels:** Recommended storage temperature: Room Temperature • **Specific end uses:** Laundry Detergent

**7.6 TECHNICAL MEASURES/PRECAUTIONS:** Normal ventilation is adequate

**7.7 SAFE HANDLING ADVICE:** KEEP OUT OF THE REACH OF CHILDREN

**7.8 TECHNICAL MEASURES/STORAGE CONDITIONS:** Keep away from excess heat

**7.9 INCOMPATIBLE PRODUCTS:** Avoid combining with strong acids

**7.10 PACKING MATERIAL :** No restrictions

**SECTION 8: Exposure Control / Personal Protection**

**8.1 ENGINEERING MEASURES:** General room ventilation is satisfactory.

**8.2 CONTROL PARAMETERS:** None Needed.

**8.3 PERSONAL PROTECTION EQUIPMENT:** None Needed.

**8.4 RESPIRATORY:** None Needed.

**8.5 EYE:** None Needed.

**8.6 HAND:** None Needed.

**8.7 HYGIENE MEASURES:** No special requirements needed.

**8.8 Exposure Controls: Individual Protection Measure (personal protective equipment):** None Needed. **Eye/Face Protection:** None Needed.

**Skin Protection:** none. **Hands Protection:** None Needed.

**8.9 Other Protection Measures:** None Needed Respiratory protection: Usually no personal respiratory protection necessary.

**SECTION 9: Physical and Chemical Properties**

**9.1 Physical State:** Water transparent liquid **Color:** Colorless **Odor:** Pleasant fresh scent **Odor threshold:** No data available

**9.2 Other physical and chemical parameters pH:** 9 **FLASH POINT:** Non to IBP 100oC (212.9oF) **% VOLATILE BY VOLUME:** Nil

**9.3 SPECIFIC GRAVITY:** 1.05

**9.4 VOLATILE ORGANIC COMPOUNDS:** None

**9.5 BOILING POINT/RANGE:** (212oF)

**9.6 FREEZING POINT:** (32oF)

**9.7 EXPLOSIVE PROPERTIES:** None

**9.8 VAPOR PRESSURE:** Does not apply

**9.9 Water Solubility:** Complete water soluble

**9.10 Partition Coefficient n-octano/water (log KOW):** This information is not available

**9.11 Auto-ignition temperature:** Information on this property is not available

**9.12 Decomposition temperature:** No data available

**9.13 Viscosity:** Not determined

**9.14 Explosive properties:** None

**9.15 Oxidizing properties:** None

**9.16 Other Information:** There is no additional information

#### **SECTION 10: Stability and reactivity**

**10.1 Vapor pressure:** No hazardous polymerization will occur.

**10.2 Reactivity:** None

**10.3 Chemical Stability:** The material is stable under normal ambient and anticipated storage and handling conditions temperature and pressure.

**10.4 Possibility of hazardous reactions:** No known hazardous reactions

**10.5 Conditions to avoid:** Contact with strong acids.

**10.6 Materials to avoid:** Strong acids.

**10.7 Hazardous decomposition products:** None

#### **SECTION 11: Toxicological information**

**11.1 ACUTE TOXICITY:** LD50=1,500 mg/kg

**11.2 LOCAL EFFECTS:** None

**11.3 SPECIFIC EFFECTS:** None

**11.4 Information on toxicological effects:** Please refer to section 2 and 3

**11.5 Skin corrosion/irritation:** Shall not be classified as corrosive to skin

**11.6 Serious eye damage/ eye irritation:** Shall not be classified as corrosive to skin

**11.7 Respiratory or skin sensitization:** Shall not be classified as a respiratory or skin sensitizer

**11.8 Summary of evaluation of the CMR properties:** Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant

**11.9 Specific target organ toxicity - single exposure:** Shall not be classified as a specific target organ toxicant (single exposure).

**11.10 Specific target organ toxicity - repeated exposure:** Shall not be classified as a specific target organ toxicant (repeated exposure).

**11.11 Aspiration hazard:** Shall not be classified as presenting an aspiration hazard.

**11.12 Symptoms related to the physical, chemical and toxicological characteristics if swallowed:** Non-toxic, drink several glasses of water - No first aid needed.

**If in eyes:** slightly irritant.

**If inhaled:** data are not available.

**If on skin:** Not irritant.

**Other information:** None.

### **SECTION 12: Ecological information**

**12.1 Toxicity:** Shall not be classified as hazardous to the aquatic environment.

**12.2 Process of degradability:** Data is not available.

**12.3 Bio-accumulative potential:** Data is not available.

**12.4 Mobility in soil:** Data is not available.

**12.5 Results of PBT and vPvB assessment:** Data is not available.

**12.6 Other adverse effects:** Non-hazardous to water. Non-toxic, non-hazardous, safe for the environment. This product has been determined to be readily biodegradable according to OECD Method, Modified Strum Test.

### **SECTION 13: Disposal considerations**

**13.1 Waste treatment methods:** Dispose of contents/container in accordance with local/regional/national/international regulations.

**13.2 Sewage disposal-relevant information:** Do not empty into drains.

**13.3 Waste treatment of containers/packaging:** Offer container for recycling if available

**13.4 Relevant provisions relating to waste:** The allocation of waste identity numbers/waste descriptions must be carried out according to those specific to the industry and process.

**13.5 Remarks:** Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions. **The Ecology Works Anti-Allergen Laundry Detergent poses no hazard to air, water, aquatic life or humans.**

**13.6 Waste from residues/unused products:** Follow local environmental guidelines. There are no components in this formulation listed as hazardous subject to 40 CFR 372

### **SECTION 14: Transport information**

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

**14.1 UN number:** Not applicable

**14.2 UN proper shipping name:** Hypoallergenic Laundry Detergent

**14.3 Transport hazard class (es):** Class 55

**14.4 Environmental hazards:** none (non-environmentally hazardous (according to the dangerous goods regulations)

**14.5 Special precautions for user:** Provisions for dangerous goods (ADR) should be complied within the premises.

**14.6 Transport in bulk according to Annex II of MARPOL and the IBC Code:** Not applicable

**14.7 Information for each of the UN Model Regulations****Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN)****14.8 UN number:** Not applicable**14.9 Proper shipping name:** Anti-Allergen Laundry Detergent**14.10 Particulars in the transport document:** Surfactants and Allergen Neutralizer**14.11 Class:** Class 55**14.12 Classification code:** No data available**14.13 Packing group :** No data available**14.14 Danger label(s): Excepted quantities (EQ):** No data available **Limited quantities (LQ):** No data available **Transport category (TC):** No data available.**14.15 Tunnel restriction code (TRC):** No data available**14.16 Hazard identification No:** Not applicable.**14.17 International Maritime Dangerous Goods Code (IMDG) UN number:** **Proper shipping name:** Hypoallergenic Laundry Detergent **Particulars in the shipper's declaration:** None. **Class:** 55 **Packing group:** **Danger label(s):** None.**SECTION 15: Regulatory Information****15.1 Safety, health, and environmental regulations/legislation specific for the substance or mixture Relevant provisions of the European Union (EU) Limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products (2004/42/EC, Deco-Paint Directive):** VOC content: 0 %**15.2 Directive on industrial emissions (VOCs, 2010/75/EU):** VOC content: 0 %**15.3 Chemical Safety Assessment:** Chemical safety assessments for substances in this mixture were not carried out.

Contains No hazardous components under current OSHA definition including 29CFR 1900.1200. No SARA Section 313 Chemicals. Product is not listed under California prop 65. Product meets CARB, and all known regulatory considerations. All chemical used in the manufacture are listed in TSCA inventory.

**SECTION 16: Other Information**

The information is furnished without warranty, expressed, or implied, except that it is accurate to the best knowledge of The Ecology Works. The Data on this sheet related only to the specific material designed herein. The Ecology Works assumes no legal responsibility for the use or reliance on this data.

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End of SDS.