



## SAFETY DATA SHEET

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** ENDURANT PALM COLORANT

**MANUFACTURER:** Geoponics Corp.  
3415 Radio Road # 105  
Naples, FL 34104

**EMERGENCY PHONE:** 1-800-424-9300 CHEMTREC  
**COMPANY PHONE:** 239.261.6500  
**FAX PHONE:** (239)692.8653

**TRADE NAME:** Endurant Palm Colorant  
**SYNONYMS:** Pigment dispersion  
**FORMULA:** Proprietary

**CHEMICAL FAMILY:** Pigment Dyestuff

### SECTION 2: COMPOSITION/INFORMATION OF HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	%CONCENTRATION
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Proprietary Blend of Materials not classified as Hazardous

**Notes:** None under 29 CFR 1910.1200  
None under Title III of SARA

### SECTION 3: HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:**

**Ingestion:** relative to other materials, a single dose of this product in practically nontoxic by ingestion  
**Eye Contact:** this product may mildly irritate human eyes  
**Skin Contact:** not likely to be a skin irritant  
**Inhalation:** respiratory irritation is associated with this product

**ROUTES OF ENTRY:**

<b>EYES:</b>	yes
<b>SKIN:</b>	yes
<b>INGESTION:</b>	yes
<b>INHALATION:</b>	yes

HMIS III	
<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>PHYSICAL HAZARDS</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	
Safety glasses/ Gloves	

PERSONAL PROTECTION INDEX									
A		G				H			
B		I				J			
C		K				L			
D		M				N			
E		O				P			
F		Q				R			
Consult your supervisor or S.O.P. for "SPECIAL" handling directions									
A		n		o		p		q	
t		u		w		y		z	
Additional information									

**POTENTIAL HEALTH EFFECTS OF EXPOSURE:**

No information was found in the public literature for any effects of exposure and no health evaluation is thus possible. Therefore, handle with care and avoid unnecessary exposures.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** No known effects on other illnesses for this product.

3415 Radio Road #105 Naples, FL 34104

SAFETY DATA SHEET  
UPDATED: 10/2/19

#### SECTION 4: FIRST AID MEASURES

**EYES:** Flush with running water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek prompt Medical attention if redness or irritation occurs.  
**SKIN:** Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.  
**INGESTION:** If ingested, seek medical assistance immediately. Give one or two glasses of water to drink.  
**INHALATION:** Move victim to fresh air. Give artificial respiration or oxygen if breathing has stopped. Get prompt medical attention. Do not give fluids if victim is unconscious.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** None known

#### SECTION 5: FIRE-FIGHTING MEASURES

**FLAMMABLE LIMITS IN AIR, UPPER:**  
(% BY VOLUME) **LOWER:**

**FLASH POINT:** > 212 deg. F  
**F:** Not determined  
**C:** Not determined

**AUTOIGNITION TEMPERATURE:**  
**F:** Not determined  
**C:** Not determined

**NFPA HAZARD CLASSIFICATION**  
**HEALTH:** **FLAMMABILITY:** **REACTIVITY:**  
**OTHER:**

**HMIS HAZARD CLASSIFICATION**  
**HEALTH:** 1 **FLAMMABILITY:** 1 **REACTIVITY:** 0  
**PROTECTION:** B

**EXTINGUISHING MEDIA:** Water  
Alcohol resistant foam  
Foam  
Carbon Dioxide  
Dry Chemical

**SPECIAL FIRE FIGHTING PROCEDURES:** None known

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known

**HAZARDOUS DECOMPOSITION PRODUCTS:** Burning organic pigments may emit noxious fumes which may include carbon monoxide, carbon dioxide, nitrous oxides, or other toxic compounds.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

**ACCIDENTAL RELEASE MEASURES:**

Utilize recommended protective clothing and equipment. Contain spill. Spills should be swept or shoveled up and collected for disposal, avoiding the formation of dust. Clean up may be accomplished by flushing with a limited quantity of water if appropriate or by dust removal of contaminated soil. Place material or soil in appropriate waste disposal containers.

Spilled product should be collected and absorbed. Remove residuals with soap and water.

#### SECTION 7: HANDLING AND STORAGE

**HANDLING AND STORAGE:** Keep containers closed, avoid getting on skin or in eyes when handling product.

**OTHER PRECAUTIONS:** Store in accordance with standard approved warehousing procedures. Avoid freezing. Product may separate if allowed to stand over a long period of time.

Storage Temperature: MAX 120F MIN 40F  
Indoor: preferred Outdoor: acceptable Heated: in the winter months Refrigerated: NA

**SECTION 7 NOTES:** A moderately cool, dry, well ventilated area is considered adequate for the storage of pigment containers. Direct source of heat must be avoided.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>ENGINEERING CONTROLS:</b>	All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).
<b>VENTILATION :</b>	Local ventilation recommended – mechanical ventilation may be used.
<b>RESPIRATORY PROTECTION:</b>	None required with normal use of product.
<b>PERSONAL PROTECTIVE EQUIP:</b>	HMIS PP, I   Safety Glasses, Gloves, Dust and Vapor Respirator HMIS PP, N   Splash Goggles
<b>EYE PROTECTION:</b>	Safety glasses or chemical splash goggles.
<b>SKIN PROTECTION:</b>	Butyl Rubber, PVC or Neoprene gloves.
<b>OTHER PROTECTIVE CLOTHING OR EQUIPMENT:</b>	Rubber apron
<b>WORK HYGIENIC PRACTICES:</b>	Recommend washing exposed parts with soap and water
<b>EXPOSURE GUIDELINES:</b>	Avoid getting on skin or in eyes.

**SECTION 8 NOTES:** Work Practices: avoid contact with the skin, eyes, and clothing. Avoid breathing vapors. Use with adequate ventilation. Wash thoroughly after handling product. Eye wash station and safety shower in work areas.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Dark Yellow
<b>ODOR:</b>	Mild Latex Odor
<b>PHYSICAL STATE:</b>	Liquid
<b>pH AS SUPPLIED:</b>	8-9
<b>pH (Other):</b>	
<b>BOILING POINT:</b>	> 212 Degree F.
<b>FLASH POINT:</b>	> 200 Degree F.
<b>MELTING POINT:</b>	Not determined
<b>FREEZING POINT:</b>	Not determined
<b>VAPOR PRESSURE (mmHg):</b>	Not determined
<b>VAPOR DENSITY (AIR = 1):</b>	Not determined

## SECTION 10: STABILITY AND REACTIVITY

<b>Stability:</b>	Product is stable under normal conditions.
<b>Conditions to Avoid:</b>	Oxidation promoting conditions (Heat, Sunlight and Air).
<b>Materials to Avoid:</b>	Strong Oxidizing Agents.
<b>Hazardous Decomposition:</b>	Combustion may produce carbon dioxide and, possibly toxic chemicals such as carbon monoxide.

## SECTION 11: TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** No data available

## SECTION 12: ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** No data available

## SECTION 13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Dispose of collected waste in accordance with federal, state, and local regulations.

**RCRA HAZARD CLASS:** No – Not as sold

## SECTION 14: TRANSPORT INFORMATION

### U.S. DEPARTMENT OF TRANSPORTATION

**PROPER SHIPPING NAME:**

**HAZARD CLASS:** Not hazardous

**LABEL STATEMENT:** Not restricted

### WATER TRANSPORTATION

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3415 Radio Road #105 Naples, FL 34104

PROPER SHIPPING NAME:  
HAZARD CLASS: Not hazardous  
LABEL STATEMENTS: Not restricted

AIR TRANSPORTATION  
PROPER SHIPPING NAME:  
HAZARD CLASS: Not hazardous  
LABEL STATEMENTS: Not restricted

OTHER AGENCIES: Considered non-hazardous in transportation regulations

**SECTION 15: REGULATORY INFORMATION**

**COMPONENT / (CAS/PERC) / CODES**

\*Water (7732185 n/a%) TSCA

\*Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo- (5567157 30-40%)  
TSCA

REGULATORY KEY DESCRIPTIO ----- TSCA = Toxic Substances Control Act

**SECTION 16: OTHER INFORMATION**

OTHER INFORMATION: None known

PREPARATION INFORMATION: IN ACCORDANCE WITH GOOD PRACTICES FO PERSONAL CLEANLINESS AND HYGIENE.  
HANDLE WITH DUE CARE AND AVOID UNNECESSARY CONTACT WITH THIS PRODUCT.

DISCLAIMER: This information is supplied under the OSHA Hazard Communication Standard and is offered in good faith based on data available to us that we believe to be true and accurate. General industrial hygiene and safe handling procedures are believed to be applicable to this product. Each user should review these recommendations in the specific context of intended use and determine applicability. No warranty, expressed or implied, is made regarding the accuracy of this data, the hazards connected with the use of this material, or the results to be obtained from the use thereof. We assume no responsibility for damage or injury from the use of this product described herein. Data provided here are typical and not intended for use as product specifications