



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ENDURANT SAND COLORANT
PRODUCT CODES:FP99999

MANUFACTURER: Geoponics Corp.
3415 Radio Road unit 105

EMERGENCY PHONE: 1-800-424-9300 CHEMTREC
COMPANY PHONE: 239-261-6500
FAX PHONE: 239-692-8653

TRADE NAME: SAND COLORANT
SYNONYMS: PIGMENT DISPERSION
FORMULA: Proprietary

PRODUCT USE: Textile Application
CHEMICAL FAMILY: Pigment Dyestuff

SECTION 1 NOTES:

SECTION 2: COMPOSITION/INFORMATION OF HAZARDOUS INGREDIENTS

INGREDIENT:

None under 29 CFR 1910.1200
None under Title III of SARA, SECTION 313 REPORTING

CAS NO.% WT% VOL

ppmmg/m3

SECTION 2 NOTES:

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

EYES: MAY CAUSE IRRITATION, INCLUDING WATERING, BURNING AND REDNESS.

SKIN: MAY CAUSE IRRITATION, INCLUDING ITCHING AND REDNESS SIMILAR TO A RASH

INGESTION: COULD CAUSE A LAXATIVE EFFECT OR OTHER GASTROINTESTINAL DISTURBANCES

INHALATION: MIST COULD CAUSE A LAXATIVE EFFECT. OVEREXPOSURE TO VAPORS MAY BE IRRITATING TO NOSE, THROAT AND RESPIRATORY TRACT, PRODUCING SYMPTOMS OF DIZZINESS, HEADACHS, NAUSEA, OR VOMITING.

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ROUTES OF ENTRY:

EYES: YES
SKIN: YES
INGESTION: YES
INHALATION: YES

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.

CARCINOGENICITY

OSHA: ACGIH: no NTP: no IARC: no
OTHER: no

SECTION 3 NOTES:

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.

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 4 NOTES:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: Not determined
(% BY VOLUME) LOWER:

FLASH POINT: > 205 deg.F. SETAFLASH ASTM-3828
F: Not determined
C: Not determined

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

NFPA HAZARD CLASSIFICATION

HEALTH: **FLAMMABILITY:** **REACTIVITY:**
OTHER:

HMIS HAZARD CLASSIFICATION

HEALTH: 1 **FLAMMABILITY:** 0 **REACTIVITY:** 0
PROTECTION: B

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

SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters wear protective clothing and NIOSH approved respirator

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UNUSUAL FIRE AND EXPLOSION HAZARDS: Fire fighters should use self-contained breathing apparatus to avoid exposure to smoke and vapors. Closed containers exposed to extreme heat may rupture due to pressure build up.

HAZARDOUS DECOMPOSITION PRODUCTS: May produce oxides of carbon, nitrogen and iron.

SECTION 5 NOTES:

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Contain spill. Collect liquid or spread absorbent. Shovel up into appropriate containers. Flush residue with water. Check with local, state, and federal regulations before disposing of this material. Material is biodegradable in waste treatment.

SECTION 6 NOTES: Disposal should be in accordance with methods set forth by local, state, and federal regulations. This material is not defined as hazardous by the Resource Conservation and Recovery Act.

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.

SECTION 7 NOTES:

Storage Temperature
MAX 120 MIN 40
INDOOR preferred OUTDOOR Acceptable HEATED Winter months REFRIGERATED na

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:	None known
VENTILATION :	Local ventilation recommended – mechanical ventilation may be used.
RESPIRATORY PROTECTION:	None required with normal use of product.
EYE PROTECTION:	Safety glasses or chemical splash goggles.
SKIN PROTECTION:	Butyl Rubber, PVC or Neoprene gloves.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:	Eye wash and safety shower in work areas. Wash work clothes routinely.
WORK HYGIENIC PRACTICES:	Recommend washing exposed parts with soap and water
EXPOSURE GUIDELINES:	Avoid getting on skin or in eyes.

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Dark Green, Blue, Black or Brown

ODOR: Slight Latex Odor

PHYSICAL STATE: Liquid

pH AS SUPPLIED: 8.0-10.0

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pH (Other):
BOILING POINT: *212 deg.F.

MELTING POINT: *32 deg.F

FREEZING POINT: *32 deg.F

VAPOR PRESSURE (mmHg): Not determined

VAPOR DENSITY (AIR = 1): Not determined

SPECIFIC GRAVITY (H2O = 1): 1.08-1.10

EVAPORATION RATE: Not determined

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SOLUBILITY IN WATER: Dispersible
PERCENT SOLIDS BY WEIGHT: 38%-56% range
PERCENT VOLATILE: None
BY WT/ BY VOL @
F:
C:
VOLATILE ORGANIC COMPOUNDS (VOC): None
WITH WATER: LBS/GAL
WITHOUT WATER: LBS/GAL

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID (STABILITY): NA
INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents, acids and bases
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Oxides of carbon, nitrogen, and iron
HAZARDOUS POLYMERIZATION: Will not occur

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: No data available

SECTION 11 NOTES:

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SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No data available

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Disposal should be in accordance with methods set forth by local, state, and federal regulations. This material is not defined as hazardous by the Resource Conservation and Recovery Act.

RCRA HAZARD CLASS: No – Not as sold

SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: ***Non-Regulated***
HAZARD CLASS: Not hazardous
LABEL STATEMENT: Not restricted

WATER TRANSPORTATION ***This product is not shipped by water***

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

AIR TRANSPORTATION ***This product is not shipped by air***

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

OTHER AGENCIES: Considered non-hazardous in transportation regulations

SECTION 14 NOTES:

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All components of this product are listed on the TSCA Inventory.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not regulated

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): This product contains no known chemicals that are on the list of toxic chemicals subject to the reporting requirements of Section 313 of the emergency planning & community right to know act of 1986 & of 40 CFR 372.

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: None

INTERNATIONAL REGULATIONS: All components of this product are included on the European Inventory of Existing Chemical Substances in compliance with council directive 67/548/EEC and its amendments.

SECTION 15 NOTES: This product is not registered with the FDA

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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 Communcation 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 warrangty, 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 reponsibililty 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