



SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: ENDURANT FRASER FIR – Christmas tree colorant
CHEMICAL FAMILY: Organic pigments
T.S.C.A. STATUS: In compliance

MANUFACTURER: Geoponics Corp.
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Naples, FL 34104

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SECTION 2: HAZARDS IDENTIFICATION

GHS Classification: Health Category 2B- Eye Irritant
Environmental Category 3- Chronic Aquatic Toxicity

Pictogram: NONE

Signal Word: Warning

Hazard Statements: H320: Causes Eye Irritation
H412: Harmful to Aquatic Life with Long-Lasting Effects

Precautionary Statements:

P264: Wash face, hands, and any exposed skin thoroughly after handling.

P280: Wear protective gloves/ protective clothing/eye protection/face protection

P270: Do not eat, drink, or smoke when using this product.

P260: Do not breath dust/fume/gas/mist/vapors/spray

P273: Avoid release to the environment

P501: Dispose of contents/container in accordance with local/regional/international regulations.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water for 15 minutes.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position for breathing

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Alcohols, c8-22, ethoxylated (69013-19-0) 4.0 % Eye and skin Irritant, aquatic toxicity

The exact ingredient percentages and composition of non-hazardous components have been withheld as a trade secret.

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SECTION 4: FIRST AID MEASURES

GENERAL INFORMATION: IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING
EYE CONTACT: Wash immediately with large amounts of water for 15 minutes, lifting the upper and lower lids until no evidence of product remain. Get medical attention immediately. Do not wear contact lenses while handling.
SKIN CONTACT: Remove all contaminated clothing immediately. Wash immediately with soap and plenty of water. If a temporary skin reaction occurs, it should be treated as allergic contact dermatitis. Launder contaminated clothing before reuse.
INGESTION: Do not induce vomiting. Seek medical attention immediately.
INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED
The most significant symptoms and effects are described in the labeling (see section 2) and/or in section 11

INDICATION OF ANY SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED
No data available

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT >260 deg F
EXTINGUISHING MEDIA CO2 Dry Chemical Foam Water Fog

SPECIAL FIRE FIGHTING PROCEDURES/UNUSUAL FIRE OR EXPLOSION HAZARDS:
Firefighters should be equipped with protective clothing & self-contained breathing apparatus to protect against potentially toxic & irritating fumes. In case of fire or explosion, keep unnecessary people away. Isolate hazard area & any entry. Stay upwind, out of low areas, and ventilate closed spaces before entering.

SECTION 6: ACCIDENTAL RELEASE MEASURES

IN CASE MATERIAL IS RELEASED / SPILLED:

Avoid formation and deposition of dust. Do not empty into drains or waters. Do not touch or walk through the spilled material: stop leak if you can do it without risk. Take up with sand or other non-combustible absorbent material or suitable vacuum and place into labeled sealable containers. For further disposal measures see section 13.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING
In accord with good industrial practice. Handle with care and avoid personal contact

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES
Keep container protected from direct sunlight in a dry, cool and in a well-ventilated area.
Keep the container tightly sealed and away from any incompatible materials (see Section 10)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

APPROPRIATE ENGINEERING CONTROLS:
Handle with good industrial practices and industrial hygiene. Wash hands after use.

GENERAL PROTECTIVE MEASURES: Do not breathe mists /dust. Avoid contact with eyes and skin. Immediately remove all contaminated clothing.
EYE PROTECTION Employees should wear protective eye-goggles with side protection shield.
SKIN PROTECTION Employees should avoid skin contact by wearing protective clothing. Long sleeve shirts, pants, gloves e.g. of PVC or nitrile rubber, and boots are recommended. Additional protections such as impervious suits are recommended when the potential for dermal contact is significant. Employees should wash their hands and face before eating and drinking and shower thoroughly before leaving work. Keep away from food and drink stuffs.
RESPIRATORY PROTECTION Inhalation of dust and aerosols must be absolutely prevented by the use of a NIOSH approved dust respirator.
VENTILATION Use local ventilation.
OTHER Wear overalls, apron or other protective clothing.

SECTION 9: PHYSICAL DATA

APPEARANCE: LIQUID
 COLOR: GREEN
 ODOR: NONE
 ODOR THRESHOLD: ND
 SOLUBILITY IN WATER: DISPERSIBLE
 BULK DENSITY: ND
 RELATIVE DENSITY: NA
 VISCOSITY: ND
 pH: ND
 MELTING POINT/FREEZING POINT: ND
 PARTITION COEFFICIENT: N-OCTANOL/WATER.....0.0000
 BOILING POINT: >220 F
 VAPOR PRESSURE: ND
 VAPOR DENSITY: NA
 EVAPORATION RATE: NA
 FLAMMABILITY: NA
 FLASH POINT: > 260 F
 INGINITION TEMP: ND
 DECOMPOSITION TEMPERATURE: ND
 UEL: ND
 LEL: ND
 % VOLATILE: VALUE: ND UNIT: % COMMENT:

SECTION 10: STABILITY AND REACTIVITY

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.
 POSSIBILITY OF HAZARDOUS REACTIONS : None expected
 CHEMICAL STABILITY: Stable
 INCOMPATABLE MATERIALS: None
 HAZARDOUS DECOMPOSITION PRODUCTS: CO2, CO, NITROGEN OXIDES
 CONDITIONS TO AVOID: TEMPERATURES IN EXCESS OF 260 F
 REACTIVITY: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

ANIMAL TOXICITY ORAL - LD50 (INGESTION): >5,000 mg/kg (Rat)
 EYE EFFECTS: IRRITANT (RABBIT)
 SKIN EFFECTS: NON-IRRITANT
 SENSITIZATION: NOT EXPECTED

PRIMARY ROUTE OF EXPOSURE

INHALATION: YES SKIN ABSORPTION: YES INGESTION: YES
 SKIN CONTACT: YES EYE CONTACT: YES

CARCINOGEN STATUS

IARC: NO NTP: NO OSHA: NO

HMIS: 1 0 0 E

CRONICEFFECTS OF OVEREXPOSURE

None Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE

May be irritating to the eyes and respiratory tract

MEDICAL CONDITIONS AGGRAVATED

Persons with any pre-existing skin, eye or respiratory condition may be more susceptible to the effects of this product.

SECTION 12: ECOLOGICAL INFORMATION

BIODEGRADABILITY: <40 %
 BACTERIA TOXICITY EC50: ND
 FISH TOXICITY LC50: ND

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SECTION 13: DISPOSAL CONSIDERATIONS

PRODUCT: If utilization or recycling of the product is not possible, it should be disposed of in accordance with existing federal, state and local environmental regulations, e.g. by incineration in a suitable plant.
UNCLEANED PACKAGING: Soiled, empty containers are to be treated in the same way as the contents.

SECTION 14: TRANSPORT INFORMATION

PROPER SHIPPING NAME: NON-HAZARDOUS INK MATERIAL
D.O.T. HAZARD CLASSIFICATION: NOT REGULATED
FRT. CLASS PACKAGE: 55
IATA: NON-REGULATED
IMDG: NON-REGULATED

SECTION 15: REGULATORY DATA

US REGULATIONS:

TSCA: The components of this product are listed on the TSCA Inventory
SARA 313: This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.
SARA 312:

Immediate (acute) health hazard	Yes
Delayed (chronic) health hazard	No
Fire hazard	No
Sudden Release of Pressure	No
Reactivity	No

This product is not subject to the German Ordinance that bans certain azo dyes or the 19th Amendment of the Council Directive 76/769/EEC.

CALIFORNIA PROPOSITION 65: This product does not contain components currently on the California List of Known Carcinogens and reproductive Toxins.

SECTION 16: OTHER INFORMATION

Geoponics Corp. warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in its directions for use, subject to the inherent risks referred to in the material safety data sheet for this product. Geoponics Corp. makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall Geoponics Corp. be liable for consequential, special, or indirect damages resulting from the use or handling of this product.

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