

Safety Data Sheet

Nature's Way Emerald

Section 1. Product and company identification

- a) Product Name: Nature's Way Emerald
- b) Recommended use of the chemical and restrictions on use: All Purpose Industrial Cleaner/Degreaser.
No known restrictions.
- c) Manufacturer Information: Integra Environmental
5825 Centralcrest Houston, Texas 77092
Phone #713-680-1234

Section 2. Hazards identification

- a) Hazard Risk Classification: **No Hazardous Components**
(OSHA-29 CFR-1910.1200) All ingredients are organic and completely biodegradable.
- b) Label elements including precautionary statements
- Symbol: NA
 - Signal Word: NA
 - Hazard Risk Statement: NA
 - Precautionary Statement: NA
- c) Other Hazard Risk which are not included in the classification criteria (e.g. dust explosion hazard): NA

Section 3. Composition/Information on ingredients

Chemical Name: NA Other name: NA CAS number or Other identification number: NA Content (%): NA
All ingredients are proprietary and considered Confidential Business Information

Section 4. First aid measures

- a) Eye contact: Mild eye irritant. Direct contact can cause reddening and dryness. Immediately flush eyes with plenty of water. If irritation persists, consult a physician.
- b) Skin contact: Not a known irritant to normal skin, however, excessive exposure can cause redness and dryness. If irritation does occur, rinse skin with water and discontinue contact. If irritation persists, consult a physician.
- c) Inhalation: NA
- d) Ingestion: Product is considered non-toxic orally according to 16 CFR 1500.3 (Code of Federal Regulations 16. Federal Hazardous Substances Act Regulations Part 1500.3), however, no product should be intentionally ingested. Ingesting excessive amount of the product may cause complications. There are no known effects from acute overexposure to this product. However, in light of good industrial hygiene, exposure to any chemical should be kept to a minimum.
- e) Indication of immediate medical attention and notes for physician: NA.

Section 5. Fire-Fighting measures

- a) Suitable (and unsuitable) extinguishing media: NA
- b) Specific hazards arising from the chemical (e.g. nature of any hazardous combustion products): None
- c) Special protective equipment and precautions for fire-fighters: None

Special note: No Volatile Organic Compounds (VOC'S)

Section 6. Accidental release measures

- a) Personal precautions, protective equipment and emergency procedures: For accidental spills, take action to avoid slipping. Use gloves for extended contact. There are no known effects from acute overexposure to this product.
- b) Environmental precautions and protective procedures: All ingredients are organic and completely biodegradable. Wear OSHA approved safety goggles to protect the eyes if using high-pressure equipment or pumps.
- c) Methods and materials for containment and cleaning up: In most areas, flushing into a sanitary sewer with plenty of water is permissible; however consult with local, State, Federal agencies for specific requirements for your area. If permissible, flush with plenty of water.

Section 7. Handling and storage

- a) Precautions for safe handling: Use goggles to protect eyes, particularly if pressure washing, pumping, using high-pressure air or around spray mist. Use gloves for extended or frequent contact.
- b) Conditions for safe storage (including any incompatibilities): Store container in a dry area at temperatures below 120 degrees F.

Incompatibility: Materials that react violently with water.

Section 8. Exposure controls & personal protection

- a) Control parameters (e.g. occupational exposure limit values, biological limit values): There are no known effects from chronic exposure.
- b) Appropriate engineering controls: NA
- c) Personal protective equipment:
- Respiratory protection: No special precautions are required, however avoid spray mists and have adequate ventilation. For large scale use in enclosed areas, adequate ventilation should be provided.
 - Eye protection: OSHA approved goggles are recommended, especially near spray mist, chance of splash, or when using in high-pressure equipment or pumps. OSHA approved safety glasses recommended for routine use, especially if contacts are worn.
 - Hands protection: Not necessary for normal skin except for frequent or prolonged contact.
 - Body protection: No special protection required. Safety and hygiene practices should always be used when around any chemical.

Section 9. Physical and chemical properties

- a) Appearance (physical state, color etc): Green thin liquid
- b) Odor: Slight
- c) Odor threshold: NA
- d) pH: Approximately 9.5
- e) Specific Gravity: 0.98 – 1.04
- f) Melting point/freezing point: NA
- g) Initial boiling point and boiling range: 210 deg F
- h) Flash point: NA
- i) Evaporation rate: >1 (butyl/acetate=1)
- j) Flammability (solid, gas): NA

k) Upper/lower flammability or explosive limits: NA

l) Vapor pressure: 17.5 mg Hg @ 80 deg F

m) Solubility: Dispersible in water

n) Vapor density: 0.624 @ 80 deg F

o) Relative density: NA

p) Partition coefficient: n-octanol/water: NA

q) Auto-ignition temperature: NA

r) Decomposition temperature: NA

s) Viscosity: Viscous

Section 10. Stability and reactivity

a) Chemical stability and possibility of hazardous reactions: Stable.

b) Conditions to avoid (e.g. static discharge, shock or vibration, etc): NA

c) Incompatible materials: Materials that react violently with water.

d) Hazardous decomposition products: Carbon Dioxide

Section 11. Toxicological information

a) Information on the likely routes of exposure: Adverse health effects would not be expected under recommended conditions of use so long as safety precautions are practiced.

b) Health hazards information:

- Acute toxic: NA

- Skin corrosive/irritant: Not a known irritant to normal skin, however if irritation occurs, flush skin with plenty of water and discontinue contact. If irritation persists, consult with a physician.

- Serious eye damage/eye irritation: If eye contact, flush with water for at least 15 minutes. A temporary haze in vision may occur. If haze persists or irritation develops, consult a physician.

- Respiratory sensitization: Not a route of entry.

- Skin sensitization: Not a known irritant to normal skin. If conditions exist causing irritation, consult with a physician.

- Carcinogenicity: None known.

- Germ Cell Mutagenicity: None known.

- Reproductive toxicity: None known.

- Specific target organ toxicity (single exposure): NA

- Specific target organ toxicity (repeated exposure): NA

- Aspiration hazard: NA

Section 12. Ecological information

a) Aquatic and terrestrial ecotoxicity: NA

b) Persistence and degradability: Biodegradable

c) Bioaccumulative potential: NA

d) Mobility in soil: NA

e) Other adverse effects: None known.

Section 13. Disposal considerations

a) Disposal method: In most areas, flushing into a sanitary sewer with plenty of water is permissible;

however consult local, State, Federal agencies for specific requirements for your area.

b) Disposal precaution (including the disposal method of contaminated container and packaging): The container and packaging used during manufacturer are non hazardous and should be disposed of or recycled according to requirements for your area. Product inside the container, in most areas, flushing into a sanitary sewer with plenty of water is permissible; however consult local, State, Federal agencies for specific requirements for your area.

Section 14. Transport information

- a) UN number: NA
- b) UN proper shipping name: NA
- c) Transport hazard class: None
- d) Packing group (if applicable): NA
- e) Marine pollution (yes/no): No
- f) Special precaution which a user to be aware of or needs to comply with in connection with transport or conveyance either within or outside their premises: Non hazardous product, no special precautions for transport that have not been listed in other sections for disposal or spill concerns.

Section 15. Regulatory information

- a) Industrial Safety and Health Act: NA
- b) Toxic Chemical Control Act: NA
- c) Dangerous Material Safety Control Act: NA
- d) Wastes Management Act: NA
- e) Other requirements in domestic and other countries: NA

Section 16. Other information

- a) Information source and references:
- b) Issuing date: 01/19/2004
- c) Revision number and date: Revision #1 – 10/18/2011, #2 - 05/28/2015
- d) Others:

Symbols: NA = Not applicable
F = Fahrenheit
C = Centigrade

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