

SECTION I – COMPANY AND PRODUCT INFORMATION

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| MANUFACTURER'S NAME Organic Approach | EMERGENCY TEL. NO. 717-299-2112 | CHEMTREC: (800) 424-9300 |
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| ADDRESS (number, street, city, state, zip code) 128 Weaver Road, Lancaster, PA 17603 USA |
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| CHEMICAL NAME AND SYNONYMS Naturally occurring algae. Processed seaweed. | TRADE NAME (S) AND SYNONYMS Nature's Essence LSC |
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| CHEMICAL CHARACTERIZATION: Soluble alginic acids. | CAS# 84775-78-0 | CONTENT 100% |
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SECTION II – HAZARDOUS IDENTIFICATION

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| HAZARDS DESCRIPTION: | Not applicable |
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| HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS OR GASES – NONE KNOWN |
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SECTION III – PHYSICAL DATA

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| BOILING POINT | 100° C | SPECIFIC GRAVITY (H ₂ O = 1) | 1.02 |
| VAPOR PRESSURE (mm Hg.) | N/A | FLAMMABILITY | Not flammable |
| VAPOR DENSITY (AIR = 1) | N/A | EVAPORATION RATE | 1.0 atm |
| SOLUBILITY | 100% | pH | 8.5 - 9.5 |
| APPEARANCE / FORM | Dark brown to black liquid | ODOR | Marine odor |

SECTION IV – FIRE FIGHTING MEASURES

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| EXTINGUISHING MEDIA Water, carbon dioxide, extinguishing powder. |
| SPECIAL FIRE FIGHTING PROCEDURES Wear self-contained respirator and fully protective suit. |
| UNUSUAL FIRE AND EXPLOSION HAZARDS None known |

SECTION V – FIRST AID MEASURES

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| AFTER INHALATION: Supply fresh air. If required, provide artificial respiration and seek medical advice. No toxic effects are known. Wash with water and soak and rinse thoroughly. |
| AFTER EYE CONTACT: Rinse opened eye for several minutes under running water. No eye reaction effects are known. Seek medical advice if irritation persists. |
| AFTER SWALLOWING: No detrimental effects of ingestion are known. Seek medical advice if discomfort arises. |
| EFFECTS OF OVEREXPOSURE No exposure limits have been determined and no particular reactions to this product have been reported. If combined with other products, use their MSDS information. |

SECTION VI – REACTIVITY DATA

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| STABILITY Stable <input checked="" type="checkbox"/> Unstable <input type="checkbox"/> | |
| MATERIALS TO AVOID - Oxidizing agents | INCOMPATIBILITY - Strong Acids may degrade the product. |
| HAZARDOUS DECOMPOSITION PRODUCTS Under extreme temperatures traces of sulfuric acid may be given off. | |
| HAZARDOUS POLYMERIZATION Will Occur <input type="checkbox"/> Will not occur <input checked="" type="checkbox"/> | |

SECTION VII – SPILL OR LEAK PROCEDURES

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| STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED Contain spill with suitable absorbent material. Wear an approved respirator if necessary. Avoid splashing the liquid as it will permanently stain most surfaces. |
| WASTE DISPOSAL METHOD Follow Federal, State, or Local regulations for solid waste |

SECTION VIII – HANDLING PRECAUTIONS

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| RESPIRATORY PROTECTION Use appropriate respiratory protection for airborne mist based on consideration of airborne workplace concentration and duration of exposure. |
| VENTILATION Use local exhaust for ventilation; no mechanical or special exhaust is necessary. |
| PROTECTIVE GLOVES Recommended as a precautionary measure only. |

EYE PROTECTION

Safety goggles or glasses are recommended

OTHER PROTECTIVE EQUIPMENT

As appropriate for the work environment. Dusty or dirty clothing should be laundered after use. Product may stain clothes.

SECTION IX – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: one the skin, some irritation may occur. One the eye, some irritation may occur. Sensitizing: no sensitizing effect known

SUBACUTE TO CHRONIC TOXICITY:

Other than potential irritation above, no information on illness or injury is known.

OTHER TOXICOLOGICAL INFORMATION:

No classification data on the carcinogenic properties of this material is available.

SECTION X – ECOLOGICAL INFORMATION

General Information:

Alginates are very active substances that contain natural plant growth hormones. Excessive applications to the plant or soil could inhibit plant growth for an undetermined length of time. No aquatic dangers are known.

SECTION XI – TRANSPORTATION INFORMATION

Not a hazardous material for transportation

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