

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Name	ECOSURGE 0-0-20™
Company Identification	EcoStadt Technologies LLC 1024 Iron Point Road, Suite 100-1318 Folsom, CA 95630 Phone: +1 (916) 357-6607 Fax: +1 (916) 357-6501 Email: info@ecostadt.com Website: www.ecostadt.com
Emergency Calls	+1 (916) 357-6607
Recommended Use	Organic Crop Fertilizers and Soil Amendments.
Restrictions on Use	Agricultural Use Only.

SECTION 2: HAZARD(S) IDENTIFICATION

Classification of Substance	N/A - This product does not meet the physical, health, or environmental classification criteria of GHS (Global Harmonized System).
Signal Word	CAUTION
Pictograms	Health (Blue) - 1, Flammability (Red) - 0, Reactivity (Yellow) - 0, Special (White) - Not Applicable.
Fire and Explosion	Not considered flammable or combustible, but this product will burn if involved in a fire.
Precautionary Statements	EcoSurge 0-0-20 is a reddish-brown water-soluble liquid derived from red seaweed. Sensitive individuals should wear protective clothing and avoid inhalation / ingestion.
Environmental Hazards	This product is not classified as dangerous to the environment.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Kappaphycus alvarezii extract, Citrus fruit extract & Water.
CAS Number	84775-78-0, 12002-36-7 & 7732-18-5

SECTION 4: FIRST AID MEASURES

General Information	Product is generally safe to handle and no medical attention is needed.
Eyes	Flush immediately with water.
Skin	Rinse with water.
Inhalation	Not Applicable.
Ingestion	Not Applicable.
Additional Statement	Individuals with allergy or sensitivity to ingredients should seek medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Fire and Explosive Hazards	Not considered flammable or combustible, but this product will burn if involved in a fire. Avoid ignition sources where dust might be present.
Extinguishing Media	Non-combustible product. Use an appropriate extinguishing media and technique for underlying cause of fire.
Special Hazards arising from the Substance or Mixture	Fire may produce a thick dark smoke. As a consequence of thermal decomposition, dangerous chemicals may be formed such as carbon monoxide

	and carbon dioxide. Exposure to combustion byproducts may be hazardous to human health.
Protective Actions for Fire Fighters	Firefighters should wear protective clothing and approved respirator / SCUBA equipment as necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear protective gear.
Environmental Precautions	Contain spill. Flush area with water to avoid final traces. Recovery of liquid product: use an appropriate absorbent material such as cat litter, sand, or saw dust to absorb product. Dispose of appropriately according to local and state or national regulations.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling	Keep out of reach of children. Store in a dry, well-ventilated area in tightly closed containers to prevent entry of moisture. Avoid sub-freezing temperatures and temperatures above 120 °F. Avoid breathing dust or use in an area with adequate ventilation. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling.
Conditions for Safe Storage, including any Incompatibilities	Storage: Keep in tightly closed and original containers. Do not re-fill or re-use containers. Dispose of containers in an approved waste facility. Keep out of the reach of children. Keep away from food, drink and animal feeding stuff. Keep in properly labeled container. Requirements to be met by storerooms and receptacles: Store in cool, dry place. Do not store this product above 105 °C or below 32°C for extend periods of time. Best to keep in cool dry place and to avoid direct sunlight.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation	Always ensure adequate ventilation when product is handled.
Protective Equipment	Use of non-absorbent gloves, standard protective clothing, eyewear, and respirators is recommended.
Respiratory Protection	The use of a respirator / dust mask is not required but recommended. Consult OSHA 29 CFR 1910.34 for appropriate equipment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Physical State	Reddish Brown Liquid.
Upper/lower flammability or explosive limits	Not available.
Odor	Malty odor.
Vapor Pressure	Not available.
Odor Threshold	Not available.
Vapor Density	Not available.
pH of 1% Solution	8.0-8.4 @ 25° C
Specific Gravity	1.39-1.40
Melting / Freezing Point	Not available.
Solubility	100% Soluble in water.
Initial Boiling Point / Range	Not available.
Flash Point	Not available.
Evaporation Rate	Not available.
Flammability	Dust

Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Avoid ignition sources when handling.
Decomposition temperature	Not available.
Viscosity	Not available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not reactive, stable under normal storage and use conditions.
Chemical Stability	Approximately two-year shelf life if kept free from moisture.
Incompatibility (Materials to Avoid)	Keep away from strong acids and bases.
Hazard Decomposition Products	None

SECTION 11: TOXICOLOGICAL INFORMATION

General Toxicity Information	This product has not been subjected to toxicological testing as it is derived from a food product.
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SECTION 12: ECOLOGICAL INFORMATION

Eco-Toxicity Information	This product has not been subjected to eco-toxicological testing as it is derived from a food product.
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SECTION 13: DISPOSAL CONSIDERATIONS

General Disposal Information	No special precautions needed. Follow all local, county or state guidelines. Not considered damaging to the environment.
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SECTION 14: TRANSPORT INFORMATION

General Transport Information	No special requirements and no restrictions on transportation by land, sea or air. (NMFC No 68140-0550)
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SECTION 15: REGULATORY DATA

General Regulatory Information	OMRI & CDFA Certified Product.
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SECTION 16: ADDITIONAL INFORMATION

Reference	The information supplied on this sheet is to the best of our knowledge accurate at the time of preparation. It does not relieve the user of this product of any responsibility to comply with local, national or international laws relating to the handling or use of this product. The suppliers do not accept responsibility for any claims resulting from the misuse of this product or failure to comply with the information stated within. EcoStadt Technologies makes no representation or warranties either expressed or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, EcoStadt Technologies will not be responsible for damages resulting from use or reliance upon this information.
Date Issued	12.12.2025
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