

### 1. IDENTIFICATION

**GHS Product Identifier**

GreenFurrow Organics 0-0-3 Seaweed Extract

**Company Name**

Mar Vista Resources

**Address**

745 North Avenue, Corcoran CA 93212

**Telephone/Fax Number**

Telephone: (559) 992-4535/(559) 992-4537

**Emergency phone number**

1-800-262-8200

### 2. HAZARD IDENTIFICATION

**GHS classification of the substance/mixture**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Signal Word (s)**

WARNING

**Hazard Statement (s)**

Causes serious eye irritation.

**Pictogram (s)**

Exclamation mark

**Precautionary statement – Prevention**

Wash contaminated skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary statement – Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Other Information

HMIS rating: not available

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients**

Name	CAS	EINECS	Proportion
Potassium hydroxide	1310-58-3	215-181-3	<1 %
Ingredients determined not to be hazardous, including water			Balance

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#### 4. FIRST-AID MEASURES

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##### **Inhalation**

If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

##### **Ingestion**

Do not induce vomiting. Wash out mouth thoroughly with water. Seek immediate medical attention.

##### **Skin**

Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

##### **Eye contact**

If in eyes, hold eyelids apart and rinse the eyes cautiously with water for several minutes. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.

##### **First Aid Facilities**

Eyewash, safety shower and normal washroom facilities.

##### **Advice to Doctor**

Treat symptomatically.

##### **Other Information**

For advice in an emergency, contact a Poisons Information Centre or a doctor at once.

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#### 5. FIRE-FIGHTING MEASURES

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##### **Suitable Extinguishing Media**

Dry chemical, foam, carbon dioxide and water spray fog.

##### **Hazards from Combustion Products**

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

##### **Specific Hazards Arising From The Chemical**

This product will burn if exposed to fire.

##### **Decomposition Temperature**

Not available

##### **Precautions in connection with Fire**

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. Fight fire from safe location.

##### **Other Information**

NFPA rating: Not available

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#### 6. ACCIDENTAL RELEASE MEASURES

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##### **Emergency Procedures**

Wear appropriate personal protective equipment and clothing to prevent exposure. Increase ventilation. If possible contain the spill. Place inert absorbent material onto spillage. As a water based product, if spilt on electrical equipment the product will cause short-circuits. Collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

### 7. HANDLING AND STORAGE

#### Precautions for Safe Handling

Avoid inhalation of vapours and mists, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Maintain high standards of personal hygiene i.e. washing hands prior to eating, drinking, smoking or using toilet facilities.

#### Conditions for safe storage, including any incompatibilities

Protect from freezing. Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labelled containers. Keep containers tightly closed. Store away from incompatible materials. Ensure that storage conditions comply with applicable local and national regulations.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Occupational exposure limit values

Substance	Regulations	Exposure Duration	Exposure Limit	Units	Notes
Potassium hydroxide	ACGIH	TWA	2	mg/m <sup>3</sup>	(ceiling limit), URT, eye & skin irr

#### Biological Limit Values

No biological limits allocated.

#### Appropriate Engineering Controls

This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn.

#### Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements.

#### Eye Protection

Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations.

#### Hand Protection

Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations.

#### Body Protection

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Form

Liquid

#### Appearance Dark

brown liquid

#### Color

Dark brown

**Odour**

Seaweed like

**Decomposition Temperature**

Not available

**Melting Point**

Not available

**Boiling Point**

Not available

**Solubility in Water**

Completely soluble

**Specific Gravity**

1.1-1.2 (25°C)  
(77°F)

**pH**

11.5-12.5

**Vapour Pressure**

Not available

**Vapour Density (Air=1)**

Not available

**Evaporation Rate**

Not available

**Odour Threshold**

Not available

**Viscosity**

Refer to Section 9: Kinematic Viscosity and Dynamic Viscosity

**Volatile Component**

Not available

**Partition Coefficient: n-octanol/water**

Not available

**Flash Point**

Not applicable

**Flammability**

Non combustible material.

**Auto-Ignition Temperature**

Not available

**Flammable Limits - Lower**

Not applicable

**Flammable Limits - Upper**

Not applicable

**Explosion Properties**

Not available

**Oxidizing Properties**

Not available

**Kinematic Viscosity**

Not available

**Dynamic Viscosity**

Not available

### 10. STABILITY AND REACTIVITY

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#### Reactivity

Refer to Section 10: Possibility of hazardous reactions

#### Chemical Stability

Stable under normal conditions of storage and handling.

#### Conditions to Avoid

Extremes of temperature and direct sunlight.

#### Incompatible materials

Strong oxidizing agents.

#### Hazardous Decomposition Products

Thermal decomposition may result in the release of toxic and/or irritating fumes

#### Possibility of hazardous reactions

Not available

#### Hazardous Polymerization

Not available

### 11. TOXICOLOGICAL INFORMATION

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#### Toxicology Information

No toxicity data available for this material.

#### Ingestion

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

#### Inhalation

Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

#### Skin

May be irritating to skin. The symptoms may include redness, itching and swelling.

Corrosive In Vitro Protocol (OECD 435): Test Result: GHS Category for Skin Corrosion:- Non-Corrosive. (pH adjusted to 12.5 with KOH) Skin irritant test (in-vitro skin irritation study according to OECD guideline TG 439): Test Result: non irritant.

#### Eye

Causes serious eye irritation. On eye contact this product will cause tearing, stinging, blurred vision, and redness.

#### Respiratory sensitisation

Not expected to be a respiratory sensitiser.

#### Skin Sensitisation

Not expected to be a skin sensitiser.

#### Germ cell mutagenicity

Not considered to be a mutagenic hazard.

#### Carcinogenicity

Not considered to be a carcinogenic hazard.

#### Reproductive Toxicity

Not considered to be toxic to reproduction.

#### STOT-single exposure

Not expected to cause toxicity to a specific target organ.

#### STOT-repeated exposure

Not expected to cause toxicity to a specific target organ.

#### Aspiration Hazard

Not expected to be an aspiration hazard.

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## 12. ECOLOGICAL INFORMATION

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### Ecotoxicity

No ecological data available for this material.

### Persistence and degradability

Not available

### Mobility

Soluble in water

### Bioaccumulative Potential

Not available

### Other Adverse Effects

Not available

### Environmental Protection

Prevent this material entering waterways, drains and sewers.

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## 13. DISPOSAL CONSIDERATIONS

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### Disposal considerations

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

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## 14. TRANSPORT INFORMATION

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### Transport Information

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Not classified as Dangerous Goods by the criteria of the Department of Transport (DOT).

### Special Precautions for User

Not available

### UN Number (Air Transport, ICAO)

None Allocated

### IATA/ICAO Proper Shipping Name

Not dangerous for conveyance under IATA code

### IATA/ICAO Hazard Class

None Allocated

### IMDG UN No

None Allocated

### IMDG Proper Shipping Name

Not dangerous for conveyance under IMO/IMDG code

### IMDG Hazard Class

None Allocated

### IMDG Marine pollutant

No

### DOT UN NO

None Allocated

### DOT Proper Shipping Name

Not dangerous for conveyance under DOT code

### DOT Class

None Allocated

DOT Identification (DOT)

DOT Special Requirements (Special)

DOT Exceptions (Exceptions)

DOT Symbols (SymbolS)

DOT Non-Bulk Requirements (NON\_BULK)

DOT Bulk Requirements (BULK)

DOT Max. Passgr. Air/Rail. (MAXAIR)

DOT Max. Cargo Only Air/Rail. (MAXCARGO)

DOT Stowage (Stowage)

DOT Other Requirements (OTHER)

Transport in Bulk

Not available

Other Information

UN Packing Group: non-corrosive

Refer to Skin Corrosiveness Test in Section 11: Toxicological Information; Skin.

## 15. REGULATORY INFORMATION

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California Proposition 65

Not Listed.

SARA (313) Chemicals

Not Listed.

Reportable Quantity

1000lbs

## 16. OTHER INFORMATION

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Date of preparation or last revision of SDS

SDS Created: April 2020

References~

ANSI Z400.1/Z129.~1-2010. American National Standard for Hazardous Workplace Chemicals – Hazard Evaluation and Safety Data Sheet and Precautionary Labeling Preparation.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

OSHA Table Z-1 Limits for Air Contaminants (June 30, 1993)(29 CFR 1910.1000)(1971 Permissible Exposure Limits (PELs)).