

Safety Data Sheet



Section 1: Identification

Product Name:	Down To Earth Liquid Fish & Kelp 2-4-1	Manufacturer:	Down To Earth Distributors, Inc.
Common Name(s):	N/A	Physical Address:	3030 Judkins Road Eugene, OR 97403
Product Code:	N/A	Mailing Address:	PO Box 1419 Eugene, OR 97440
CAS #:	N/A	Telephone Number:	541-485-5932
Recommended Use:	Fertilizer	Emergency #:	800-234-5932
Restrictions:	N/A		

Section 2: Hazard Identification

Hazard Group:	Health	
Hazard Classes:	Skin Corrosion/Irritation	(Category 2)
	Serious Eye Damage/Eye Irritation	(Category 2A)



Hazard Statements

H303: May be harmful if swallowed
H315: Causes skin irritation
H319: Causes serious eye irritation

Precautionary Statements

Prevention

P264: Wash skin thoroughly after handling
P280: Wear protective clothing; use eye protection and nitrile gloves under normal conditions

Response

P302: If on skin: Wash with plenty of soap and water
P305: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332: If skin irritation or rash occurs: Get medical advice/attention
P337: If eye irritation persists: Get medical advice/attention

Storage

P404: Store in a closed container

Disposal

P501: Dispose of contents in accordance with local, state, and federal regulations.

Safety Data Sheet



Section 3: Composition/Information on Ingredients

Ingredients: Proprietary mixture of animal and/or plant by-products, mined minerals and soil amendments

CAS #: N/A

NIOSH Registry #: Not Registered

Chemical Name	Common name and synonyms	CAS Number	%
Phosphoric Acid		7664-38-2	5 - < 10*
Potassium Sulfate		7778-80-5	1 - < 3*

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: First-Aid Measures

Inhalation: Remove person to fresh air and keep at rest in a position comfortable for breathing. If respiratory distress continues, seek medical attention.

Skin Irritation: Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation persists, seek medical attention. Wash contaminated clothing before reuse.

Eye: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If pain and/or eye irritation persists, seek medical attention.

Ingestion: Rinse mouth. If gastrointestinal distress occurs, seek medical attention.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media: Water Fog, Foam, Carbon Dioxide, Dry Chemical Powder

Unsuitable Extinguishing Media: Do not use water jet as an extinguisher; as this will spread the fire.

Flash Point: N/A

Specific Fire-Related Hazards: During fire, gases hazardous to health may be formed.

Special Protective Equipment: Self-contained breathing apparatus and full protective clothing.

Special Fire-Fighting Procedures: None

Unusual Fire/Explosion Hazards: None

Section 6: Accidental Release Measures

Personal Precautions: Wear appropriate protective clothing, eye protection and nitrile gloves during handling and clean-up. Ensure adequate ventilation.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Avoid direct discharge into drains, water courses or onto the ground.



Safety Data Sheet

Methods for Handling Spills: In case of large spills: Stop the flow of material if this is without risk. Absorb in vermiculite, dry sand or earth and place into disposal containers. Following product recovery, flush area with clean water. In case of small spills: Wipe up with absorbent material. Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see Section 13 of the SDS.

Section 7: Handling and Storage

Safe Handling: Avoid contact with eyes, skin and clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Safe Storage: Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

Section 8: Exposure Control/Personal Protection

Occupational Exposure Limits:

US OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Phosphoric Acid (CAS 7664-38-2)	PEL	1 mg/m ³

US ACGIH Threshold Limit Values

Components	Type	Value	Form
Phosphoric Acid (CAS 7664-38-2)	STEL	3 mg/m ³	
	TWA	1 mg/m ³	

US NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Phosphoric Acid (CAS 7664-38-2)	STEL	3 mg/m ³	
	TWA	1 mg/m ³	

Recommended PPE and Handling Practices

Respiratory: Particle mask

Skin Protection: Nitrile gloves

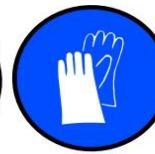
Eye Protection: Safety glasses or goggles

Hygiene: Wash hands thoroughly with soap and water

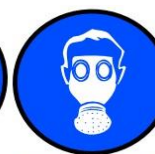
Ventilation: Ensure workspace is well-ventilated



Safety Glasses



Gloves



Particle Mask / Respirator



Safety Data Sheet

Section 9: Physical and Chemical Properties

Appearance:	Brown liquid	Freezing Point:	N/A
Flammability Limits:	N/A	Solubility in Water:	N/A
Odor:	Mild marine odor	Initial Boiling Point:	415.4 °F (213 °C) est
Odor Threshold:	N/A	Boiling Range:	N/A
Vapor Pressure:	0.0001 hPa estimated	Flash Point:	N/A
Vapor Density:	N/A	Evaporation Rate:	N/A
pH:	3.5	Flammability:	N/A
Specific Gravity:	1.0	Viscosity:	N/A
Melting Point:	108.2 °F (42.3 °C) est	Percent Volatile:	N/A

Section 10: Stability and Reactivity

Reactivity:	The product is stable and non-reactive under normal conditions of use, storage and transport
Chemical Stability:	Product is stable under normal temperatures and conditions
Conditions to Avoid:	Keep product away from extreme heat, hot surfaces, sparks, open flames and other ignition sources
Required Stabilizers:	None
Incompatibility:	Strong oxidizing agents
Hazardous Decomposition:	None currently known
Hazardous Polymerization:	Will not occur
Hazardous Reactions:	None currently known

Section 11: Toxicological Information

Primary Routes of Exposure:	Skin contact and eye contact
Symptoms of Exposure:	Causes skin irritation. Slight dermatitis may occur. Causes serious eye irritation. Symptoms may include stinging, pain, tearing, redness, swelling and blurred vision.

Information on Toxicological Effects

Acute Toxicity: Currently unknown

Components	Species	Test Results
Phosphoric Acid (CAS 7664-38-2)		
<u>Acute</u> Dermal LD50	Rabbit	2740 mg/kg



Safety Data Sheet

Potassium Sulfate (CAS 7778-80-5)

Acute

Dermal

LD50 Rat > 2000 mg/kg

Inhalation

LC50 Rat 1.2 mg/L, 192 hours

Oral

LD50 Rat > 2000 mg/kg

Skin Corrosion/Irritation:	Causes skin irritation
Serious Eye Irritation:	Causes serious eye irritation
Respiratory Sensitization:	Not a respiratory sensitizer
Germ Cell Mutagenicity:	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic
Carcinogenicity:	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA
Reproductive Toxicity:	This product is not expected to cause reproductive or developmental effects.
Aspiration Hazard:	Not an aspiration hazard
Chronic Effects:	Currently unknown

Section 12: Ecological Information

Ecotoxicity:	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Bioaccumulation Potential:	Currently unknown
Mobility in Soil:	Currently unknown
Other Adverse Effects:	No other adverse environmental effects are expected from this product

Section 13: Disposal Considerations

Disposal Instructions:	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow the product to drain into sewers/water supplies. Dispose of contents/containers in accordance with local, state and federal regulations.
-------------------------------	--

Safety Data Sheet



Section 14: Transport Information

DOT: Not regulated as dangerous goods
UN Number: None assigned
UN Proper Shipping Name: None assigned
Transport Hazard Class: Not regulated as dangerous goods
Environmental Hazards: None known
Guidance on Bulk Transport: Use best known practices when shipping in bulk
Special Precautions: None known

Section 15: Regulatory Information

US Federal Regulations: This product is a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200
All components are on the US EPA TSCA Inventory List

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated

CERCLA Hazardous Substance List (40 CFR 302.4)

PHOSPHORIC ACD (CAS 7664-38-2) Listed

SARA 304 Emergency release notification

Not regulated

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not regulated

Classified hazard Skin corrosion or irritation

SARA 311/312 Hazardous chemical

No

SARA 313 (TRI reporting)

No



Safety Data Sheet

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated

Safe Drinking Water Act (SDWA)

Not regulated

US state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Phosphoric Acid (CAS 7664-38-2)

Section 16: Other Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Date of Preparation: 05/31/2019

Date of Revision: 05/31/2019