



Safety Data Sheet

Manufacturers Information

Company Name: The Espoma Company
6 Espoma Road
Millville, N.J. 08332

Emergency Phone No: (856) 825-0542
Information Phone No: (800) 634-0603
Website: www.espoma.com

Section 1: PRODUCTION IDENTIFICATION

Product Name: Espoma Organic Orchid! Liquid Fertilizer

Product Use: Apply to soil to promote plant growth & establishment

Section 2: HAZARD IDENTIFICATION

Hazard Class: None.

Per GHS Classification this material is not deemed hazardous under the criteria outlined in the Federal OSHA Hazard Communication standard 29CFR 1910.1200

Signal Word: None

Applicable Pictogram: None

Precautionary Statement

Prevention: Observe good industrial hygiene practices.

Response: Wash hands after handling.

Storage: Store away from incompatible materials.

Disposal: Dispose of waste and residues in accordance with local authority requirements..

Unclassified Hazards: None

Toxicity: None

Hazard(s) not otherwise classified (HNOC): None known.

While this product does not fall under the auspices of the OSHA or WHMIS this Safety Data Sheet contains information critical to the safe handling and proper use of the product. This SDS should be retained & made available to all employees & end users of the product

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS:

Does **NOT** contain any hazardous ingredients according to OSHA 29CFR 1910.1200 criteria

Does **NOT** contain any hazardous ingredients according to WHMIS criteria



Section 4: FIRST AID MEASURES

<u>Skin Contact</u>	Remove contaminated clothing and wash affected area thoroughly after use. If irritation occurs consult with physician.
<u>Eyes</u>	Flush eyes with cool water for 15 minutes, remove contact lenses and consult physician if irritation persists
<u>Ingestion</u>	If conscious rinse mouth and dilute with fluids. Consult physician or poison control for further treatment advice.
<u>Inhalation</u>	Move person to fresh air and consult physician for further treatment advice.

Note to physician (Antidote): N/A

Section 5: Fire Fighting Measures

EXTINGUISHING MEDIA: Use appropriate media for underlying cause of fire.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.

FLASH POINT: Product is not flammable

SPECIAL FIRE HAZARDS: None

SPECIFIC HAZARDS: None

Section 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear protective clothing (shirt, pants, shoes, socks) mop up spill. Dispose of rinsate in accordance with local, state & federal regulations.

REPORTABLE QUANTITY (RQ) UNDER CERCLA: NO

Section 7: Handling & Storage:

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: Do not get in eyes, breathe in mist or ingest. Upon contact with skin, hair or clothing wash affected area with soap and water. Store in original container with lid tightly secured. Store product in a cool place on a pallet or rack system. Avoid excessive heat & sunlight. Store product between 40 - 100 degrees F.

INCOMPATIBILITY: Acids, bases, heat sources, reducing agents, disinfectants, biocides

OTHER: Always follow label directions & avoid exposure if you are allergic to any of the ingredients

Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYE / FACE PROTECTION: Eye protection (OSHA Approved) is recommended if potential for splashing exists

HAND / SKIN PROTECTION: Individuals with sensitive skin should wear gloves

RESPIRATORY PROTECTION: None Required

OTHER: Wear pants, shirt, shoes and socks

ENGINEERING CONTROLS:

Local exhaust or general ventilation to maintain exposure below PEL

NO PELs or TLVs established



Section 9: PHYSICAL AND CHEMICAL PROPERTIES.

APPEARANCE & ODOR:	brown liquid with characteristic fermentation odor
SOLUBILITY:	Soluble in water
BOILING POINT:	> 212° F
MELTING POINT:	N/A
FREEZING POINT:	32° F
EVAPORATION RATE:	N/A
VAPOR DENSITY (Air = 1):	N/A
SPECIFIC GRAVITY:	1.10 - 1.15
BULK DENSITY: N/A	N/A
pH (as is):	6 - 6.5

Section 10: STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCT:	None known
STABILITY:	Stable under normal conditions
HAZARDOUS POLYMERIZATION	None known
CONDITIONS TO AVOID:	Excessive heat during storage (100°F / 37.7°C)
HAZARDOUS DECOMPOSITION PRODUCT:	None known

Section 11: TOXICOLOGICAL INFORMATION:

ACUTE TOXICITY	CARCINOGENICITY REFERENCE
Inhalation LD ₅₀ = N/E	I.A.R.C: No
Oral LD ₅₀ = N/E	N.T.P. : No
Dermal LD ₅₀ = N/E	O.S.H.A. : No
	OTHER (specify): No

GENERAL PRECAUTIONS: Always practice good hygiene wash hands thoroughly after handling. Do not get in eyes or on skin. Do not ingest.

MEDICAL CONDITIONS RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE: None known

PRIMARY ROUTE OF ENTRY: Eyes, skin

EFFECTS OF OVEREXPOSURE: Acute: may cause moderate eye irritation

Chronic: None known

Section 12: ECOLOGICAL INFORMATION:

Avoid direct discharge in to streams, lakes, waterways & storm drains

ECOTOXICITY (AQUATIC AND TERRESTRIAL): No product specific data, deemed low toxicity based on individual components that comprise product

PERSISTENCE AND DEGRADABILITY: contains natural soil organisms, organic plant nutrients and food grade ingredients. Generally considered chemically inert in the environment

BIOACCUMULATIVE POTENTIAL: No product specific data, product is not expected to accumulate in soil or water based on individual components that comprise product

MOBILITY IN SOIL: No product specific data



OTHER ADVERSE EFFECTS: None observed

Section 13: DISPOSAL CONSIDERATIONS:

Dispose of unused product in accordance with local, state & federal regulations for Natural Soil Bacteria Protocol. Triple rinse container and recycle.

Section 14: TRANSPORT INFORMATION:

DOT SHIPPING NAME:	Not regulated
UN NUMBER:	None
HAZARD CLASS:	None (Non Hazardous)
PRIMARY HAZARD LABEL:	None
SUBSIDIARY RISK LABEL:	None
WHMIS CLASSIFICATION:	N/A

Section 15: REGULATORY INFORMATION:

SARA 311

None of the ingredients are reportable under SARA 311

SARA 312

None of the ingredients are reportable under SARA 312

RCRA

This product does not contain any ingredients on RCRA P or U lists of Federal Hazardous Waste

OTHER

** None of the ingredients in this material meet the definition of "Hazardous Chemical" 29 CFR1910.1200*

** This product does not contain any ingredients on the Clean Air Act (CAA) list of Hazardous Waste*

Section 16: OTHER INFORMATION

TO THE BEST OF OUR KNOWLEDGE THIS INFORMATION IS TRUE AND ACCURATE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL WE DO NOT ASSUME ANY RESPONSIBILITY FOR THE RESULTS OF ITS USE. THIS INFORMATION IS FURNISHED UPON THE CONDITION THAT THE PERSON RECEIVING THIS PRODUCT SHALL MAKE HIS / HER OWN DETERMINATION OF THE SUITABILITY OF THE MATERIAL FOR THEIR PARTICULAR PURPOSE. THIS INFORMATION IS PROVIDED IN GOOD FAITH BUT WITHOUT EXPRESSED OR IMPLIED WARRANTY. IT IS THE RESPONSIBILITY OF THE CUSTOMER TO TAKE APPROPRIATE PRECAUTIONS.

DATE PREPARED: July 1, 2016