

SAFETY DATA SHEET (SDS) - 2019

1. IDENTIFICATION

Product Identifier:

www.arablesoil.com (Liquid Fertilizer) Soils Conditioner

Recommended Use:

Soil conditioner/Fertilizer

Manufacturer / Supplier:

Profectus Industries, Inc.
Delaware, USA

Emergency Phone Number:

USA +1 805-432-2600

2. HAZARDS IDENTIFICATION

Classification of the substance/mixture:

Not classified as hazardous under OSHA 29 CFR 1910.1200.

Label Elements:

Signal Word: None required.

Hazard Statements:

- May cause mild eye irritation.

Precautionary Statements:

- Keep out of reach of children.
- Avoid eye contact.
- If in eyes: Rinse cautiously with water for several minutes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

- Non-GMO microorganisms, enzymes.
- Microbial metabolites.
- Water-soluble microbial decomposition products of natural crude oil.
- Water.

Note: This product does not contain hazardous components above regulatory thresholds.

4. FIRST AID MEASURES

Eye Contact:

Flush eyes with water for 15 minutes. Seek medical attention if irritation persists.

Skin Contact:

Wash with soap and water for 2 minutes. Seek medical advice if irritation develops.

Inhalation:

Move to fresh air. Not expected to be harmful.

Ingestion:

Do not induce vomiting. Drink plenty of water. Contact a physician immediately if large amounts are ingested.

5. FIRE FIGHTING MEASURES**Suitable Extinguishing Media:**

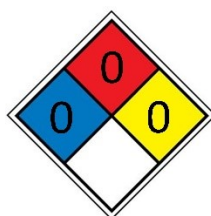
Product is noncombustible; use media appropriate for surrounding materials.

Special Hazards:

None.

Protective Equipment for Firefighters:

None required.



0	HEALTH HAZARD
0	FIRE HAZARD
0	INSTABILITY

NFPA HAZARD RATING:

RATING EXPLANATION GUIDE					
HEALTH		FLAMMABLE		INSTABILITY	
Recommended Protection		Susceptibility to Burning		Susceptibility to Energy Release	
4	Special full protective suit and breathing apparatus must be worn	4	Very Flammable	4	May detonate under normal conditions
3	Full protective suit and breathing apparatus should be worn	3	Ignites under normal temperature conditions	3	May detonate with shock or heat
2	Breathing apparatus with full face mask should be worn	2	Ignites with moderate heating	2	Violent chemical change but does not detonate
1	Breathing apparatus may be worn	1	Ignites when preheated	1	Not stable if heated use precautions
0	No precautions necessary	0	Will not ignite	0	Normally stable

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions:**

Avoid contact with eyes. Not Harmful, just precautionous.

Environmental Precautions:

Prevent entry into drinking water supplies.

Methods for Cleanup:

Absorb with inert material. If possible, apply to soil per label instructions. Otherwise, dispose in accordance with regulations. Ok to dispose in natural soil – It works as an Organic Fertilizer.

7. HANDLING AND STORAGE**Handling:**

No special precautions under normal conditions. Avoid eye contact and prolonged skin contact. Use good hygiene and housekeeping.

Storage:

Store in a cool place. Product is stable under freezing; stir before use if thawed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:

No established threshold limit values.

Engineering Controls:

Use adequate ventilation if exposure exceeds limits.

Personal Protective Equipment (PPE):

- Eye: Goggles if contact likely.
- Skin: Gloves for prolonged exposure.
- Respiratory: Not required under normal use.

9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Light brown-yellow liquid.
- **Odor:** Slight ammonia.
- **pH:** 8–14 (the higher is best for plants, fruits, etc.).
- **Specific Gravity:** 1.03
- **Boiling Point:** 186°F (85.5°C)
- **Freezing Point:** 32°F (0°C)
- **Evaporation Rate:** ~48 g/m²/hr
- **Water Solubility:** Completely miscible.
- **Vapor Pressure:** 0.37 psi @ 80°F
- **Weight:** 8.70 lbs/gal

10. STABILITY AND REACTIVITY

- **Reactivity:** Stable.
- **Chemical Stability:** Stable.
- **Conditions to Avoid:** None known.
- **Incompatible Materials:** None known.
- **Hazardous Decomposition Products:** None.
- **Hazardous Polymerization:** Will not occur.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Eye and skin contact.

Effects of Overexposure:

- Mild eye and skin irritation possible with repeated contact.

Acute Toxicity:

Aquatic LC50 >500 mg/L (Method: CCR66261.24).

12. ECOLOGICAL CONSIDERATIONS

Environmental Impact:

Organic product, non-toxic to soil, plants, humans or animals under normal use.

13. DISPOSAL CONSIDERATIONS

Waste Disposal:

Apply to soil per label if possible. Otherwise, dispose according to local/state/federal regulations. Acceptable to place in soil as a fertilizer with no harm to organics, animals or humans.

14. TRANSPORT INFORMATION

DOT – IATA – IMDG Classification:

Not regulated as a hazardous material.

15. REGULATORY INFORMATION

CANADA:	<u>WMIS HAZARD CLASS:</u>	Not determined, NON-HAZARDOUS.
	<u>DSL:</u>	Exempt.
United States:	<u>SARA 311, 312, 313:</u>	Not Applicable
	<u>TSCA:</u>	Exempt
	<u>OSHA:</u>	Classified as NON-HAZARDOUS, under OSHA 29 CFR 1910.1200

Mexico: Classified as NON-HAZARDOUS

International Regulations: CWC: This product does not contain any component(s) listed under CWC Schedule of Chemicals.

16. OTHER INFORMATION**Legend:**

DOT: Department of Transportation (US)
IATA: International Air Transport Association
IMDG: International Maritime Dangerous Goods Code
WHMIS: Workplace Hazardous Material Information System
DSL: Domestic Substances List
SARA: Superfund Amendments and Reauthorization Act
TSCA: Toxic Substances Control Act
OSHA: Occupational Safety and Health Administration
AICS: Inventory of Chemical Substances
CWC: Chemical Weapons Convention

Disclaimer:

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication in 2019. The given information is to be used only as a guide for safe handling, use, storage, transportation, and disposal and is not to be considered as a warranty or quality specification. The information relates only to the specified material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.