

## Section 1. Identification of the substance/preparation and of the company

**Product Name:** Root Boost

**Synonyms:** None

**Product Use:** Agricultural Fertilizer

**Name of Supplier:** Vegalab S.A.

**Manufacturer Information:** Vegalab S.A.

15 Rue du Cendrier

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Switzerland

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## Section 2. Hazards identification

- > **Explosion:** No cauterization
- > **Eye effects:** No sensation
- > **Skin effects:** Does not cause allergic dermatitis
- > **Ingestion:** May cause light lung damage if swallowed
- > **Effects of overexposure:** N/A
- > **Chemical listed as carcinogens or potential carcinogens:** N/A
- > **Environment effects:** No hazard

## Section 3. Composition/information on ingredients

Chemical / Component Name	Concentration	CAS Number	EC Number	R Phrases
Ammonium Molybdate	0.1%	13106-76-8	-	None
Boric Acid	0.2%	11113-50-1	-	None
Calcium Nitrate	15.00%	10124-37-5	-	None
Chelated Iron (Fe) EDTA	1.0%	15708-41-5	-	None
Citric Acid	2.0%	77-92-9	-	None
Indole-3-butyric acid (IBA)	0.2%	133-32-4	-	None
Manganese Sulfate	0.3%	7785-87-7	-	None
Potassium Hydroxide (KOH)	0.8%	1310-58-3	-	None
Sargassum (soluble seaweed)	4.0%	-	-	None
Zinc Sulfate	0.3%	7733-02-0	-	None
Water	76.1%	7732-18-5	-	None
<b>TOTAL</b>	<b>100.00%</b>			

## Section 4. First aid

- > **Inhalation:** No hazards that require special first aid.
- > **Skin Contact:** No hazards that require special first aid.
- > **Eye Contact:** Rinse thoroughly with plenty of water for at least 10 minutes, making sure to rinse under the eyelids. If eye irritation occurs, consult a physician.
- > **Ingestion:** This product is not considered toxic based on studies on laboratory animals.

## Section 5. Fire-fighting measures

- > **Suitable extinguishing media:** Water, water spray, foam carbon dioxide, dry powder
- > **Extinguishing agents to avoid:** None
- > **Special fire fighting precautions:** Wear respiratory protection to avoid dust and smoke

## Section 6. Accidental release measures

- > In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc.
- > Dispose of with chemical waste

## Section 7. Handling and storage

- > **Handling:** Avoid contact with skin and eyes
- > **Storage:** Keep in dry, cool place (0-35°C)

## Section 8. Exposure controls/personal protection

- > **National occupational exposure limits:** None
- > **Toxic material:** None.

## Section 9. Physical and chemical properties

- > **Physical State:** Liquid
- > **Appearance Color:** Brown
- > **Odor:** A little
- > **Partition coefficient:** Solubility-water freely soluble

- > **pH:** 4.5~6
- > **Specific Gravity:** 1.0~1.25
- > **Melting point (°C):** N/A
- > **Flash point (°C):** N/A
- > **Auto-ignition temp. (°C):** N/A
- > **Vapor pressure (mm Hg):** N/A

## Section 10. Stability and reactivity

- > **Stability:** Stable
- > **Conditions to avoid:** Open flames or other high temperature sources, which might induce thermal decomposition
- > **Hazardous decomposition products:** Not expected
- > **Hazardous polymerization:** Will not occur

## Section 11. Toxicological information

### Acute toxicity

- > **Oral (rat):** LD5034,000mg/kg (M+F)
- > **Dermal (rat):** LD50310,000mg/kg (M+F)
- > **Skin Irritation (rabbit):** None
- > **Eye Irritation (rabbit):** Moderate irritant
- > **Long term toxicity:** None
- > **Chronic toxicity:** Non-carcinogenic, non-teratogenic, non-mutagenic or reproductive.
- > Not harmful to laboratory animals

## Section 12. Ecological information

- > Friendly to ecosystem
- > Does not leach to water way

## Section 13. Disposal considerations

### Wastes from residues/unused products:

- > Dispose of in accordance with local state and federal regulations
- > Do not contaminate water, food or feed by storage or disposal

## Section 14. Transport information

**Shipping name:** [Vegalab – Root Boost](#)

Not classified as dangerous in the means of transport regulations

## Section 15. Regulatory information

No.

## Section 16. Other information