

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

Product Name: Grow Boost

Synonyms: None

Product Use: Agricultural Fertilizer

Name of Supplier: Vegalab S.A.

Manufacturer Information: Vegalab S.A.

15 Rue du Cendrier

1201 Geneva

Switzerland

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Section 2. Hazards identification

- > **Explosion:** No cauterization
- > **Eye effects:** Dust can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.
- > **Skin effects:** Moderately irritating to the skin.
- > **Inhalation:** Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful.
- > **Skin:** May cause skin irritation. Symptoms may include redness, burning, and swelling of skin.
- > **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
Amino Acid Powder (Keratin)	5.00%		-	None
Calcium Chloride	2.00%		-	None
Citric Acid	1.00%		-	None
Magnesium Sulfate	3.00%		-	None
Mono Potassium Phosphate	1.00%		-	None
Phosphoric Acid	1.60%		-	None
Potassium Chloride	2.00%		-	None
Potassium Hydroxide (KOH)	0.80%		-	None
Ascophyllum nodosum, Laminaria spp., and Sargassum spp. (soluble seaweed)	5.00%		-	None
Water	78.60%		-	None
TOTAL	100.00%			

Section 4. First aid

- > **Inhalation:** No hazards that require special first aid.
- > **Skin Contact:** No hazards that require special first aid. Take off spoiled clothes. Contact physician if symptoms persist.
- > **Eye Contact:** Rinse thoroughly with plenty of water for at least 10 minutes, making sure to reach under the eyelids. If eye irritation occurs, consult a physician.
- > **Ingestion:** Wash the mouth with water and seek medical advice immediately.

Section 5. Fire-fighting measures

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

Section 6. Accidental release measures

- > Use individual protective equipment (waterproof boots, suitable protective clothing, and safety glasses)
- > Prevent any contact with hot surfaces
- > Do not approach facing the wind

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

- > **Engineering measures:** No special ventilation requirements. Good general ventilation should be sufficient to control airborne levels. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.
- > **Eyes:** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases, or dusts. Recommended: safety glasses with side-shields.
- > **Skin:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

- > **Respiratory:** Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product, and the safe working limits of the selected respirator.
- > **Hands:** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Nitrile rubber gloves are recommended.
- > **Hygiene Measures:** Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Section 9. Physical and chemical properties

- > **Physical State:** Liquid appearance
- > **Appearance Color:** Yellow
- > **Odor:** A little
- > **Partition coefficient:** Solubility-water freely soluble
- > **Specific Gravity:** N/A
- > **Melting point (oC):** N/A
- > **Flash point (oC):** N/A
- > **Auto-ignition temp. (oC):** 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 (mouse):** None
- > **Dermal (rat):** None
- > **Skin Irritation (rabbit):** May cause skin irritation
- > **Eye Irritation (rabbit):** May cause eye irritation
- > **Long term toxicity:** None
- > **Chronic toxicity:** Non-carcinogenic, non-teratogenic, non-mutagenic or reproductive.
- > Not harmful to laboratory animals

Section 12. Ecological information

- > **Biodegradability:** Not determined
- > **Precautions:** Prevent contamination of soil, ground, and surface water

Section 13. Disposal considerations

In accordance with local environment laws, avoid disposing into drainage systems and into the environment.

Section 14. Transport information

Shipping name: Vegalab – Grow Boost

Not classified as dangerous in the meaning of transport regulations

Section 15. Regulatory information

No.

Section 16. Other information

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