

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

**Product Name:** AWAKENING POLLEN

**Synonyms:** None

**Product Use:** FERTILIZER

**Name of Supplier:** GroPro Inc.

**Manufacturer Information:**

- 1) Head office: GroPro Inc  
12600 West Frontage Road  
Brunsville, Mn 55337
- 2) Factory: Address: 427-1, Gisan-ri, Seongsan-myeon, Goryeong-gun,  
Gyeongsanbuk-do, South Korea. 717-812

**Section 2. Hazards identification**

- > **Explosion:** No cauterization
- > **Eye effects:** Irritating to eyes
- > **Skin effects:** Moderately irritating to the skin
- > **Inhalation:** Moderately irritating to the lungs
- > **Ingestion:** Harmful if swallowed
- > **Carcinogenic effects:** No known significant effects or critical hazards
- > **Mutagenic effects:** No known significant effects or critical hazards
- > **Teratogenicity/Reproductive toxicity:** No known significant effects or critical hazards
- > **Effects of overexposure:** Repeated skin exposure can produce local skin destruction or dermatitis. Repeated or prolonged exposure to the substance can produce lung damage. Repeated or prolonged with spray or mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to the substance can produce targeted organ damage.
- > **Chemical listed as carcinogens or potential carcinogens:** N/A
- > **Environment effects:** No hazard



WARNING: Causes eye irritation. May be harmful in contact with skin. Harmful if swallowed. Avoid breathing dust/fumes/-gas/mist/vapors/spray. Avoid release to the environment. Wear protective gloves and eye/face protection. If eye irritation persists: get medical attention. IF IN EYES: Rinse with water for 10 to 20 minutes. Remove contact lenses, if present, and continue rinsing eyes. IF ON SKIN: Wash with plenty of water for 15 to 20 minutes. If medical advice is needed, have a product container or label available. Keep out of reach of children. Read the label before use.

GHS07

Skin Irrit. 2 H315 Causes skin irritation.  
Eye Irrit. 2B H320 Causes eye irritation.

Health: 1  
Reactivity: 0  
Flammability: 0



0 = Insignificant  
1 = Slight  
2 = Moderate  
3 = High  
4 = Extreme

**Section 3. Composition/information on ingredients**

Chemical / Component Name	Concentration	CAS Number	EC Number	R Phrases
Amino acid powder (keratin)	0.2-1.00%	-	-	None
Boric acid	0.2-0.80%	-	-	None
Citric acid	1-4.00%	-	-	None
Copper sulfate pentahydrate	0.2-0.80%	-	-	None
Glutamine	1-3.00%	-	-	None
Magnesium sulfate heptahydrate	4-7.00%	-	-	None
Manganese sulfate hydrate	0.1-0.80%	-	-	None
Potassium chloride	1-2.50%	-	-	None
Potassium di-hydrogen phosphate	5-8.00%	-	-	None
Propolis	0.2-1.00%	-	-	None
Sargassum (soluble seaweed)	1-3.00%	-	-	None
Sucrose	1-2.00%	-	-	None
Urea	5-7.00%	-	-	None
Zinc sulfate heptahydrate	0.1-0.80%	-	-	None
Water	50-60.0%	-	-	None
<b>TOTAL</b>	<b>100.00%</b>			

#### Section 4. First aid

- › **Inhalation:** If inhaled, move to fresh air. If having difficulty breathing, give artificial respiration. Get medical attention if symptoms appear.
- › **Skin Contact:** Wash with soap and water. Get medical attention if symptoms occur.
- › **Eye Contact:** Check for and remove any contacts lenses. In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if symptoms occur
- › **Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

#### 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

- › **Engineering measures:** Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants 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. Safety glasses with side-shields are recommended.

- > **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 that complies 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 Color:** Brown
- > **Odor:** A little
- > **Partition coefficient:** Solubility-water freely soluble
- > **pH:** 3.5~4.5
- > **Specific Gravity:** 1~1.2
- > **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):** None
- > **Dermal (rat):** None
- > **Skin Irritation (rabbit):** None
- > **Eye Irritation (rabbit):** None
- > **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: GROPRO - AWAKENING POLLEN

Not classified as dangerous in the means of transport regulations

## Section 15. Regulatory information

No.

## Section 16. Other information

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