

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

Product Name: VIGILANCE

Synonyms: None

Product Use: Nematicide

Name of Supplier: GroPro Inc.

Manufacturer Information:

- 1) Head office: GroPro Inc
12600 West Frontage Road
Burnsville, 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. Call a poison control center immediately if excessive exposure.
 - > **Skin effects:** Moderately irritating to the skin
 - > **Inhalation:** Moderately irritating to the lungs
 - > **Ingestion:** Harmful if swallowed
- Chemical listed as carcinogens or potential carcinogens:**
- > **Environment effects:** No hazard
 - > **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.
 - > **General advice:** When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment.

Section 3. Composition/information on ingredients

Chemical / Component Name	Concentration	CAS Number	EC Number	R Phrases
Geraniol (geranium oil plant extract)	2-5%	106-24-1	-	None
Egg solids (powdered)	1-3.00%	9006-50-2	-	None
Lecithins	0.5-1.50%	8002-43-5	-	None
Water	91-92.50%	7732-18-5	-	None
TOTAL	100.00%			

Section 4. First aid

- > **Inhalation:** Remove from exposure site to fresh air and keep at rest. Obtain medical advice.
- > **Skin Contact:** Wash thoroughly with soap and water, flush with plenty of water. Take off spoil clothes. Contact physician if symptoms persist.
- > **Eye Contact:** Rinse thoroughly with plenty of water for 10 minutes at least. Contact a physician if symptoms persist.
- > **Ingestion:** Wash the mouth with water, seek medical advice immediately.

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

- > 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; do not drink
- > **Storage:** Keep in dry, cool place (0-35°C)
- > **Requirements for storage areas and containers:** Store in a place accessible by authorized persons only. Store in original container. Protect against moisture. Keep containers tightly closed in a dry, cool and well-ventilated place.

Section 8. Exposure controls/personal protection

- > **Personal protective equipment**
In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.
- > **Respiratory protection:**
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.
- > **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.

- > **Eye protection:** Safety glasses with side-shields
- > **Skin and body protection:** Personal protective equipment for the body should be selected based on the task.
- > **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.
- > **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:** Amber
- > **Odor:** A little
- > **Partition coefficient:** Solubility-water freely soluble
- > **pH:** 6~7
- > **Specific Gravity:** 0.95~1.05
- > **Melting point (°C):** Melting point/freezing point: -5~0°C
- > **Initial boiling point and boiling range:** 105~110°C - lit.
- > **Flash point (°C):** Not applicable
- > **Auto-ignition temp. (°C):** Not applicable
- > **Vapor pressure (mm Hg):** 1 hPa at 70.6°C

Section 10. Stability and reactivity

- > **Chemical Stability:** Stable under normal conditions.
- > **Possibility of hazardous reactions:** No hazardous reactions when stored and handled according to prescribed instructions.
- > **Conditions to avoid:** Open flames or other high temperature sources, which might induce thermal decomposition.
- > **Hazardous decomposition products:** No decomposition products expected under normal conditions of use.
- > **Hazardous polymerization:** Will not occur.

Section 11. Toxicological information

Acute toxicity

- > **Oral (mouse):** LD50 \geq 5,000mg/kg
- > **Dermal (rat):** LD50 \geq 4,000mg/kg
- > **Skin Irritation (rabbit):** None
- > **Eye Irritation (rabbit):** Moderate irritant
- > **Long term toxicity:** None
- > **Chronic toxicity:** Non-carcinogenic, non-teratogenic, non-mutagenic or reproductive.
- > **Inhalation:** Harmful if inhaled.

Section 12. Ecological information

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

Section 13. Disposal considerations

- > **Waste Treatment Methods Product**
In accordance with current regulations and, if necessary, after consultation with the site operator and/or with the responsible authority, the product may be taken to a waste disposal site or incineration plant.
Do not contaminate water, food or feed by storage or disposal.
- > **Contaminated Packaging**
Empty remaining contents
Do not re-use empty containers.
Not completely emptied packagings should be disposed of as hazardous waste.

Section 14. Transport information

Shipping name: GROPRO - VIGILANCE
Not classified as dangerous in the means of transport regulations

Section 15. Regulatory information

FIFRA 25B EXEMPT

Section 16. Other information

GroPro Inc. believes that the above information is based upon the state of our knowledge of the product and the information supplied by component manufacturers at the time of writing.
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