

SAFETY DATA SHEET

According to Regulation (EU) No 2020/878

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1. Product identifier:** DELTAFORCE EC
- **Active substance:** Deltamethrin 25 g/l
- **1.2. Relevant identified uses:** Insecticide for professional agricultural use.
- **1.3. Details of the supplier:** Agrico Group LTD, 77 James Baucher Blvd, Sofia, Bulgaria. Tel: +359 2 9624074. Email: agrico.group@gmail.com
- **1.4. Emergency telephone number:** National Toxicology Center, Sofia: +359 2 9154 233 (24/7).

SECTION 2: Hazards identification

- **2.1. Classification of the substance or mixture:**
 - Acute Toxicity (Oral) – Category 4 (H302)
 - Skin Sensitization – Category 1 (H317)
 - Aspiration Hazard – Category 1 (H304)
 - Aquatic Acute – Category 1 (H400)
 - Aquatic Chronic – Category 1 (H410)
- **2.2. Label elements:**
 - **Signal word:** WARNING
 - **Pictograms:** GHS07  , GHS08  , GHS09 
 - **Hazard statements:** H302: Harmful if swallowed. H317: May cause an allergic skin reaction. H304: May be fatal if swallowed and enters airways. H410: Very toxic to aquatic life with long lasting effects.
 - **Precautionary statements:** P280: Wear protective gloves/clothing/eye protection. P301+P310: IF SWALLOWED: Immediately call a POISON CENTER. P331: Do NOT induce vomiting. P391: Collect spillage.

SECTION 3: Composition/information on ingredients

- **Deltamethrin (CAS 52918-63-5):** 2.5% w/v (25 g/l).
- **Solvent Naphtha (Petroleum), light aromatic:** 60-90%.

SECTION 4: First aid measures

- **4.1. Description of first aid measures:**
 - **Inhalation:** Remove person to fresh air. If breathing is difficult, give oxygen.
 - **Skin contact:** Wash immediately with plenty of soap and water. Remove contaminated clothing.
 - **Eye contact:** Rinse eyes with water for at least 15 minutes. Consult an ophthalmologist.
 - **Ingestion:** Do NOT induce vomiting (Aspiration risk). Seek immediate medical attention.
- **4.2. Most important symptoms:** Paresthesia (tingling of the skin), nausea, dizziness.

SECTION 5: Firefighting measures

- **5.1. Extinguishing media:** Water spray, CO₂, foam, dry chemical.
- **5.2. Special hazards:** Formation of toxic gases (CO, NO_x, HCl) during fire.
- **5.3. Advice for firefighters:** Wear self-contained breathing apparatus and full protective suit.

SECTION 6: Accidental release measures

- **6.1. Personal precautions:** Use personal protective equipment. Avoid breathing vapors.
- **6.2. Environmental precautions:** Prevent entry into drains or watercourses.
- **6.3. Methods for cleaning:** Absorb with sand or earth. Shovel into marked containers for disposal.

SECTION 7: Handling and storage

- **7.1. Safe handling:** Ensure adequate ventilation. Avoid contact with skin/eyes.
- **7.2. Storage:** Store in original container, in a cool, dry, well-ventilated place. Keep away from heat and sparks.



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SECTION 8: Exposure controls/personal protection

- **8.1. Control parameters:** No specific occupational exposure limits for deltamethrin.
- **8.2. Exposure controls:** Wear nitrile gloves, safety goggles, and chemical-resistant coveralls. Use respirator if ventilation is insufficient.

SECTION 9: Physical and chemical properties

- **Appearance:** Liquid. **Color:** Clear to light yellow. **Odor:** Aromatic.
- **Flash point:** > 60°C. **Density:** ~ 0.90 g/cm³. **Solubility:** Emulsifiable in water.

SECTION 10: Stability and reactivity

- **10.1. Reactivity:** Stable under normal conditions.
- **10.2. Chemical stability:** Stable at ambient temperatures.
- **10.3. Conditions to avoid:** Sources of ignition, extreme heat.

SECTION 11: Toxicological information

- **Acute toxicity:** LD50 (oral, rat) ~ 500 mg/kg. LD50 (dermal, rat) > 2000 mg/kg.
- **Skin corrosion/irritation:** May cause mild irritation.
- **Sensitization:** May cause allergic skin reaction.

SECTION 12: Ecological information

- **12.1. Toxicity:** Very toxic to fish (LC50 96h < 1 mg/l) and bees.
- **12.2. Persistence:** Not easily biodegradable.

SECTION 13: Disposal considerations

- **Waste treatment:** Dispose of as hazardous waste. Triple rinse containers and puncture to prevent reuse.

SECTION 14: Transport information

- **UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.** (Deltamethrin), Class 9, Packing Group III. Marine Pollutant: Yes.

SECTION 15: Regulatory information

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- Complies with Regulation (EC) 1272/2008 (CLP) and REACH 1907/2006.

SECTION 16: Other information

- The information above is based on our current knowledge. It is intended to describe the safety requirements only