

1. WORK IDENTIFICATION AND TASKS

For the application of liquids (water, fertilizers, authorised plant protection products, and cleaning products) in agricultural, gardening, and maintenance tasks. Includes manual pre-pressure sprayers and trigger sprayers.

2. RISK ASSESSMENT

2.1. Hazard Identification

Cut and Puncture Hazards

- Minor risk when handling the nozzle or plastic components with rigid edges.

Impact and Projection Hazards

- Accidental liquid projection into the eyes due to incorrect nozzle adjustment or excessive pressure.

Ergonomic, Postural and Repetitive Movement Hazards

- Wrist and arm pain or fatigue caused by repeated trigger operation or pumping.
- Back and shoulder discomfort from carrying a full sprayer for extended periods.

Hazards Due to Poor Condition or Incorrect Use

- Failure of seals, nozzles or tanks that may cause leaks and accidents.
- Excessive pressure inside the tank, which may lead to valve failure or sudden liquid discharge.

Chemical and Environmental Contact Hazards

- Skin or respiratory irritation caused by contact with chemical products.
- Risk of contamination due to accidental spills.
- Inhalation of vapours during spraying operations.

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2.2. Risk Assessment Matrix

Hazard	Consequence	Probability	Severity	Risk
Cut or puncture hazards	Minor injuries	Low	Low	Bajo
Minor to moderate eye injuries	Lesiones oculares leves / moderadas	Medium	Medium	Medio

This instruction manual is intended to **guide the user** in the safe and efficient use of this product.

Ergonomic, postural and repetitive movement hazards	Arm and back pain/fatigue	High	Medium	High
Slip, trip and loss of control hazards	Trips, impacts and spills	Medium	Medium	Medium
Hazards due to poor condition or incorrect use	Breakages, leaks and pressure failures	Medium	High	High
Chemical and environmental hazards	Skin irritation and inhalation of vapours	Medium	High	High

2.3. Preventive Measures for Identified Hazards

1. Cut or Puncture Hazards

- Handle nozzles and components carefully, using light-duty work gloves.

2. Impact and Projection Hazards

- Wear safety goggles during spraying operations.
- Ensure the nozzle is correctly adjusted before use.
- Never direct the spray towards people or animals.

3. Ergonomic, Postural and Repetitive Movement Hazards

- Alternate hands when operating the trigger.
- Do not carry a full sprayer for extended periods.
- Take regular breaks to prevent fatigue.
- Use equipment suited to the size and strength of the user.

4. Slip, Trip and Loss of Control Hazards

- Keep the work area free from obstacles.
- Prevent spills and clean them up immediately if they occur.
- Avoid using the equipment in adverse weather conditions.
Hold the sprayer firmly and avoid working with a wet tank.

5. Hazards Due to Poor Condition or Incorrect Use

- Inspect seals, nozzle and tank before each use.
- Replace worn or damaged parts immediately.
- Do not exceed the maximum pressure specified by the manufacturer.
- Do not use the sprayer if it shows leaks or cracks.

6. Chemical and Environmental Hazards

- Wear waterproof gloves, a protective mask and safety goggles.
- Avoid direct contact with chemical liquids.
- Spray in well-ventilated areas and follow the instructions provided for the product being applied.

2.4. Corrective Measures in Case of an Accident

This instruction manual is intended to **guide the user** in the safe and efficient use of this product.

1. Cut or Puncture Injuries

- Wash the wound with soap and water, disinfect it and apply a bandage.
- Inspect the equipment before using it again to ensure it is in good condition.

2. Liquid Impact or Projection

- If liquid enters the eyes, rinse them immediately with plenty of clean water.
- Seek medical attention if irritation or vision problems persist.
- Inspect the equipment and the work area before resuming work.

3. Ergonomic or Postural Injuries

- Stop the task if pain develops in the arms or back.
- Rest and perform gentle stretching exercises.

4. Falls, Trips or Loss of Control

- Check for injuries after a fall.
- Seek assistance if it is not possible to move safely.
- Clean and secure the work area before resuming the activity.

5. Accidents Due to Poor Condition or Incorrect Use

- Stop using the sprayer if it shows leaks or damage.
- Repair or replace defective parts immediately.

6. Chemical / Environmental Accidents

- In case of skin contact, wash the affected area with soap and water.
- In case of vapour inhalation with symptoms, move to a well-ventilated area and seek medical advice.
- In the event of a spill, collect and dispose of the material in accordance with local regulations.
- Consult a doctor if symptoms persist or worsen.

2.5. Evaluation of the Effectiveness of the Measures

- The effectiveness of these measures shall be evaluated by verifying that, following their implementation, the situation has been brought under control safely, the user has received the necessary assistance, and the equipment has been inspected or repaired before work is resumed.
- It is also recommended to periodically inspect the condition of the sprayer and verify compliance with safety requirements, adapting the measures whenever new hazards are identified in the working environment.

3. USE OF INSTRUCTIONS

3.1. Preparation Before Use

This instruction manual is intended to **guide the user** in the safe and efficient use of this product.

- Keep the work area clear of people and animals.
- Check that the sprayer is in good condition, with no leaks or visible damage.
- Ensure that the nozzle is correctly adjusted.
- Wear appropriate PPE (waterproof gloves, safety goggles and a protective mask).
- Fill the sprayer only with authorised products and according to the dosage specified by the manufacturer.
- Do not exceed the maximum pressure indicated.

3.2. During use

- Maintain a stable and safe working position.
- Hold the sprayer firmly and operate the trigger or pump smoothly.
Avoid directing the spray towards people, animals or food.
- Work in well-ventilated areas or outdoors.
- Do not eat, drink or smoke during application.
- Take regular breaks to prevent arm and back fatigue.

3.3. Warnings

- This equipment may be hazardous if used with unauthorised chemical products.
- Keep out of reach of children.
- Do not use under the influence of alcohol, drugs or medication.
- Do not expose the sprayer to direct sunlight or heat sources.
- Wear safety gloves.
- Wear a protective mask.
- Wear eye protection.
Keep other people away from the work area.
- Read the instruction manual before use.



4. MAINTENANCE AND STORAGE

4.1. Cleaning

This instruction manual is intended to **guide the user** in the safe and efficient use of this product.

- Empty the tank after each use.
- Rinse with clean water and operate the pump to flush the internal circuits.
- Do not use solvents or direct heat for drying.

4.2. Condition Inspection

- Check seals, nozzle, valves and tank before each use.
- Replace worn or damaged parts immediately.

4.3. Storage

- Store the sprayer empty, depressurised, clean and protected from direct sunlight.
- Keep out of reach of children.
- Protect from direct sunlight and heat sources.
- Store in a safe and well-ventilated location.

4.4. Specific Maintenance

- Periodically replace wear parts (seals, nozzles and valves).

4.5. Recycling and Environmental Protection

- Dispose of product residues in accordance with local regulations.
- Do not discharge leftover liquids onto the ground or into watercourses.
- Dispose of the sprayer at an authorised collection point at the end of its service life.

5. CONTACT AND SUPPORT

If you have any questions or require additional assistance, please do not hesitate to contact our Customer Service Department:

- **Email:** comercial@bellota.com
- **Telephone:** 0034 943 73 90 00
- **Website:** www.bellota.com

Thank you for placing your trust in our products. We are committed to ensuring your safety and satisfaction.