

Disposal Guidelines for Aluminium AIP Containers

CropLife South Africa provides detailed guidelines for the **decontamination and disposal of aluminium AIP (Aluminium Phosphide) pesticide containers**, which are considered hazardous due to their reactive contents. Here's a summary of the key points from their official document:

✔ Decontamination Requirements

- Triple rinsing with an effective solvent is mandatory.
- Containers must be cleaned to a standard equivalent to removing all hazardous residues.
- Only properly decontaminated containers may be transported or recycled.

🚚 Transport Regulations

- Containers contaminated with aluminium phosphide are classified as **hazardous waste and dangerous goods**.
- They must be transported according to SANS 10231:
 - By licensed dangerous goods vehicles.
 - With appropriate placards.
 - Driven by qualified and licensed drivers.

✘ Prohibited Actions

- **Reusing, selling, or donating** empty containers for other purposes is unlawful.
- Burying containers is a criminal offense under the **National Environmental Management: Waste Act (Act No. 59 of 2008)**.

✔ Safe Disposal Steps

1. Submerge container and screw cap in cold water for 1 hour.
2. Decant water and dry both in direct sunlight.
3. Flatten the container to prevent reuse.
4. Store screw caps separately for proper disposal.