

Quick Guide – Be8 BeVant® – Informative

This quick guide presents the main information for the **use, storage and refueling** with Be8 BeVant®, ensuring safety and efficiency in the handling of the product.

Be8 BeVant® is a high-purity double-distilled biofuel, used 100% pure in engines powered by diesel, suitable for road, agricultural, industrial, civil construction, mining, and power generation applications.

1. Main product features

- Type: Bidistilled methyl ester
 - High lubricity, low sulfur and contaminants contente
 - Excellent oxidative stability
 - Color: Greenish
 - Validity: **90 days** from the Quality Certificate
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2. Security

- Flammable product; in cases of burning, releases toxic gases.
- It may cause eye irritation and environmental contamination.

Mandatory PPE:

Protective goggle, PVC gloves, security boots luvas de PVC, safety footwear, long-sleeved clothing, and respirator when heated.

Emergencies:

- Fire: use foam, CO₂, chemical powder, or water mist.
 - Leaks: isolate area, contain with absorbent material, and dispose of according to legislation
 - Consult **FDS 2425**.
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3. Storage

- Use clean, dry, and sealed tanks. Avoid exposure to sun, moisture, and contact with copper, zinc, bronze, and lead.
- Adopt FIFO policy (first in, first out).
- Periodically inspect for the presence of water, sludge, and sediments Em IBCs, utilizar capa protetora.

- Consult **POP No. 3 and No. 4.**
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4. Transport

- Tanks clean, dry, and free of residues from other fuels, with intact seals
 - **Avoid cross-contamination:** ensure the absence of residues from previous fuels.
 - Identification: UN 3082 – Class 9 - Environmentally hazardous substance.
 - Consult **POP No. 1.**
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5. Receipt

- Check seals, nozzles, drains, and cleanliness of the destination tank.
 - Check the Quality Certificate and the product's validity.
 - Consult **POP No. 2.**
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6. Refueling

- Clean nozzles before refueling.
 - Drain water from pre-filters regularly.
 - Utilizar bombas e filtros compatíveis com biodiesel.
 - Em IBCs, usar kit de abastecimento indicado.
 - Consultar **POP nº 7.**
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7. Vehicle Fuel System Cleaning

- Evaluate the engine in normal operation under the original conditions.
- Pre-evaluate the tank and fuel system.
- If there is sludge or varnish, carry out cleaning (dialysis, flushing, or manual) by a specialized company.
- After cleaning, monitor engine operation and smoke emission.
- Consult **POP No. 5 e No. 6.**

Note: Upon the client's request, Be8 may indicate specialized service providers to perform the activities described in this section. The contracting, supervision, and qualification of these service providers are the client's responsibility, and compliance with the requirements established in this manual must be ensured.

8. Special Care

- Keep tanks dry and clean to avoid sludge and microbiological contamination.
 - Avoid moisture and heat. Drain water regularly.
 - Monitor and replace filters as needed.
 - Use compatible materials (Viton or Teflon).
 - Special attention to engines with rotary injection pumps.
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9. Emergency Contacts and Technical Support

BE8 S.A. – Passo Fundo/RS

Phone: (54) 2103-7100

Note: For additional information and detailed procedures, consult the 'Be8 BeVant® Usage Recommendations'.