

**Advice to ensure
safe storage of
fertilizers in the farm**



Storage best practice maintains the quality and the spreading capacity of fertilizers, as well as avoids the circumstances for potential incidents.

For more information, please refer to the “**Safety Data Sheet**” for each product, which can be accessed on www.azomures.com, and follow the AZOMURES S.A. “**Fertilizer Safe Storage Guide for consignees, companies authorized for the sale of fertilizers, farmers**” which is available at the producer and distributors.



WHAT NOT TO DO

- ❌ Do not store fertilizers in places where there is public access;
- ❌ Do not leave the fertilizer in the field, unattended, overnight;
- ❌ It is forbidden to smoke or use open fire near fertilizers;
- ❌ It is forbidden for unauthorized persons to enter the storage areas;
- ❌ Do not store the product near public roads;
- ❌ Do not resell fertilizers unless you know the buyer personally, as a user, and/or a bona fide farmer who is aware of the need to comply with all safety and security measures related to the use of fertilizers. Provide the buyer with safety data sheets.
- ❌ The use of fertilizers for purposes other than those authorized is prohibited.





WHAT NEEDS TO BE DONE

- ✓ Observe all national regulations on fertilizer storage;
- ✓ Keep track of fertilizer deliveries and uses;
- ✓ For storage of fertilizers indoors, ensure area is dry, clean and well ventilated, away from heat and fire;
- ✓ Where possible, store fertilizers in a locked building or enclosure, respecting temperature and humidity conditions;
- ✓ For storage outdoors, cover the stacks on concrete platforms with protective foil and check regularly to make sure it has not not been damaged due to temperature, humidity and other external factors;
- ✓ Store ammonium nitrate separately from other fertilizers;
- ✓ The storage of solid fertilizers is done in stacks of maximum 10 rows for bags of 50 kg and 2 rows for bags of 600 kg, keeping at least 1 m between stacks;
- ✓ Perform periodic stock checks;
- ✓ Report any stock discrepancy or loss to the police or other competent authority in your country immediately;
- ✓ Keep accurate supplier and delivery data, all manufacturer codes on delivery documents and any other relevant data, if any, for traceability, security and safety.

Safe storage of ammonium nitrate fertilizers

Ammonium nitrate based fertilizers are safe when handled and stored in accordance with applicable laws and the manufacturer's recommendations. They are not dangerous to store and handle and can not burn or explode spontaneously. If exposed to heat or fire, fertilizers can decompose and can release dangerous gases.

For more information, please refer to the **“Safety Data Sheet”** for each product, which can be accessed on www.azomures.com and follow the AZOMURES S.A. **“Fertilizer Safe Storage Guide for consignees, companies authorized for the sale of fertilizers, farmers”** which is available at the producer and distributors.



What needs to be done

- Always keep track of stocks in the storage area;
- Keep storage instructions handy;
- Train employees on safe handling and emergencies;
- Carry out the circulation of products according to the “first in - first out” principle;
- Provide unrestricted access to emergency equipment and escape routes;
- For maintenance work, obtain all necessary approvals and follow the correct procedures;
- Use only approved electrical equipment;
- Use safety markings / symbols;
- Properly label bags and containers with fertilizer;
- Carry out safety inspections.





ATTENTION !!!

- The entry of unauthorized personnel in the storage area is prohibited;
- It is forbidden to smoke or use open fire;
- The presence of combustible substances and heat sources is prohibited near fertilizers;
- It is forbidden to use incandescent bulbs. Fluorescent bulbs will be used;
- It is forbidden to work with tools that generate high temperatures near fertilizers;
- It is forbidden to contaminate fertilizers with combustible and organic materials, wood, hay and straw, chemicals used in agriculture, oils and fats, acids and bases;
- It is forbidden to use sawdust to dry wet floors (use only inert materials).