

RULES FOR STORING AND HANDLING MINERAL FERTILIZERS, HEALTH AND ENVIRONMENTAL GUIDELINES

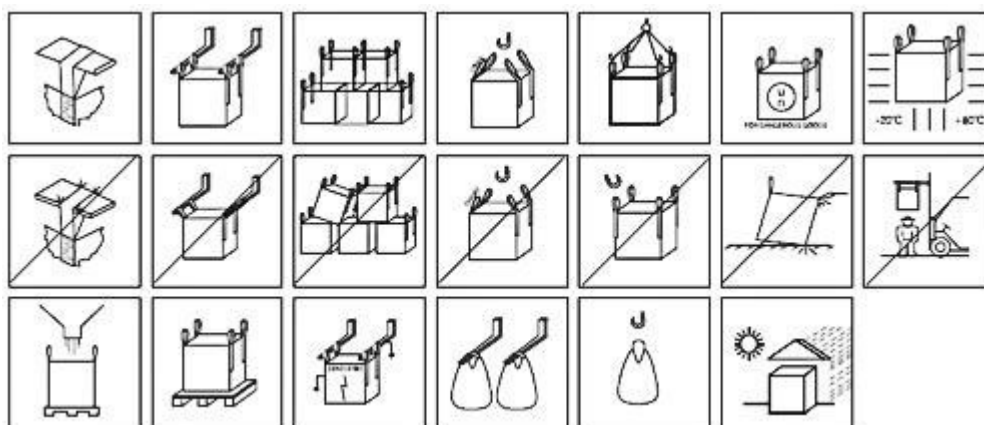
Effective 1 July 2022, Arimex Bratislava s.r.o.



1. STORAGE AND HANDLING

Store fertilizer in dry and ventilated warehouses with impermeable floors, separated from other fertilizers, feed, food, disinfectants and away from direct sunlight and radiant heat. Follow STN 46 5750 for the storage of fertilizers. Warehouses should be set up to prevent unauthorized access, especially by children. Never store fertilizers in wet or moist conditions, even temporarily. Water sources, including surface water, should not be contaminated by fertilizers or their residues. Do not work with an open flame or do any welding where fertilizer is stored. Keep fertilizers separate from food, and out of reach of children.

Bulk fertilizers are either piled to a maximum height of 6 meters and spaced at least 2 meters apart or stored separately in boxes. The piles must be labeled with the fertilizer's name. Fertilizers in big bags may be stacked up to maximum height in the local authority approval while complying with the warehouse's own internal rules. It is recommended to stack at most two big-bag layers one on top of the other. Big bags are stacked in a pyramid.



Store and use fertilizer in compliance with STN 83 2003 and follow STN 01 8003 when working with fertilizer in a laboratory.

Always wear a self-contained breathing apparatus or a full face respirator with air supply. Use a half-mask respirator with a P2L or better filter. Particulate filters should comply with EN 143. Handle products in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke while using the product. When working with it, any dust should be kept to a minimum. Technical measures usually need to be taken to ensure that the concentration of dust in the air never exceeds 6 mg/m^3 , and the same applies for other irritating dust.

Wear eye protection that complies with EN 166 - tightly fitting safety goggles. If there is any possibility of splashing, wear safety goggles with side covers.

Wear suitable gloves that have been tested in accordance with EN 374. Appropriate gloves should always be worn along with long-sleeved garments, protective shoes or boots, and appropriate protective clothing.

Do not breathe in any dust, vapor, mist or gas. Do not eat, drink or smoke while using the product. Handle products in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke while using the product.

Keep out of reach of children. Keep people and animals away from areas that are being treated. Store fertilizer away from food, drink and animal feed. Protect it against direct contact with water or excessive moisture.

Take technical measures to meet workplace exposure limits. and provide sufficient ventilation, especially in confined spaces. Make sure that eyewash units and safety showers are located near working areas.

Environmental protection rules: prohibit the dumping of product and unused residues, product-contaminated waste and packaging waste in rivers, standing and running water and reservoirs. Fertilizer is not allowed to be applied in nature reserves and areas designated for higher-level protection. Application is only permitted in nature conservation areas, national parks and protected landscape areas if it has been approved beforehand by the competent environmental protection authority.

2. FIRST AID General

recommendations

Do not breathe in any dust, vapor, mist or gas. Seek medical attention if irritation persists.

If inhaled

Move the person to fresh air.

Contact with eyes

Rinse immediately with plenty of water (also under the eyelids) for at least 15 minutes. Remove contact lenses if you have any and if possible. Continue rinsing. Keep the eye fully opened while rinsing. Do not rub the affected area. Seek medical attention if irritation persists.

Contact with skin

Wash the skin with soap and water. Seek medical attention if the skin is irritated or there is an allergic reaction.

If ingested

Rinse out the mouth and then drink plenty of water. Rinse mouth with water. Never put anything in the mouth of an unconscious person. Do not induce vomiting. Call a doctor.

Personal protective equipment for first aid responders

Avoid contact with the eyes and either prolonged or repeated contact with the skin. Avoid contact with skin, eyes or clothing. Wear personal protective clothing.

Most important symptoms and effects, both acute and delayed

May cause reddening or watering of the eyes. Burning sensation.

The attending physician can consult at any time needed with the National Toxicological Information Centre in Bratislava by calling 02/ 54774166. These measures are required to be included in occupational safety and health rules the organization posts, in accordance with Section 133 of the Labor Code, at each specific workplace where fertilizer is going to be handled.