



## TRANSPORT INSTRUCTIONS

### AMMONIUM NITRATE

#### LOAD: AMMONIUM NITRATE

Name: Description of cargo: solid body, white granules (1-3 mm)

#### TYPE OF HAZARD — oxidizing

Dominant hazard: due to ammonium nitrate content

#### Behaviour of cargo under the influence of fire or heating:

risk of rapid decomposition, during contact with heated surfaces decomposition takes place with generation of brown nitrogen oxides.

#### PERSONAL PROTECTION

A bottle with clean water for rinsing eyes. Safety goggles. Protective gloves.

#### BASIC ACTIVITIES OF DRIVER

Turn off the engine.

Do not use uncovered flame, do not smoke.

Mark the place of accident and protect other road users and outsiders. Inform persons who are nearby about the hazard and direct them to windward side (where from wind blows).

Immediately inform police and fire service.

#### ADDITIONAL AND SPECIAL ACTIVITIES OF DRIVER

Turn off electric installation in vehicle.

Put on safety gloves and protective goggles.

As far as possible, remove spilled material.

Prevent dissolved or solid material from getting to sewage ducts.

#### FIRE

Extinguish a small fire of vehicle with a fire extinguisher, forming part of the vehicle's equipment. Do not extinguish any fire including the cargo.

W In case of a fire which includes the cargo, go away from the vehicle at a distance of at least 500 m and warn other road users.

Warn the fire service which arrives about the risk of explosion.

#### FIRST AID

If the substance is in eyes, immediately rinse them with a large amount of water. Call for medical assistance.

#### ADDITIONAL INFORMATION

**MANUFACTURER** ANWIL S.A., ul. Toruńska 222, 87-805 Włocławek

#### PHONES

54 414 24 17 – ANWIL S.A. dispatcher

24 202-13-65 – Sales Department (07:00 a.m.

– 03:00 p.m.) 998 – Fire Service

997 – Police

999 – Ambulance Service

112 – Emergency Number

### **Safe handling of ammonium nitrate during transport**

- Means of transport intended for carriage of fertilizer in packaging should be clean, dry, tight and protected in such a way as not to damage the packaging. For laying items of dispatch it is prohibited to use flammable materials (paper, straw, hay, lubricants, oils, etc.).
- Packaging (unit, transport) must be laid closely next to each other, deploying evenly on the entire surface of a vehicle so that the cargo will form a compact unit, protected against moving and mutual damaging.
- A vehicle driver is obliged to cooperate while securing the goods during the loading process.
- It is necessary to avoid sources of ignition, in particular do not smoke and do not use fire and any heating devices in the room or loading space or in the direct vicinity of accumulated cargo.
- At each stage of transport and storage, each quantity of ammonium nitrate should be protected against access of third parties and attempts of potential theft.
- A driver of the transport unit should choose safe places to stop and during breaks he should not leave the vehicle and should control the situation of the vehicle as well as its surroundings.
- Any and all operations related to movement of items of dispatch should be carried out delicately, without throwing them or cracking other objects on them.
- After noticing any irregularities related to lack of tightness of a dispatch item, separate it as quickly as possible from the remaining cargo and move it to a safe distance.
- A transport unit should be equipped with wedges, warning signs, with an appropriate number of proper fire extinguishers and with personal protective equipment adequate to safe performance of activities connected with the carried cargo, as well as activities connected with road traffic.
- In case of emergency, e.g. collision, fire or other observed irregularities of "behaviour" of the cargo, immediately discontinue travel and inform relevant services.

Afterwards, proceed in accordance with the following principles:

- mark the place around the vehicle in a way that corresponds with potential hazard, the activity must be performed in a warning vest
- go away from the place of accident or hazard to a safe distance,
- inform others about the necessity to go away from the vehicle
- provide assistance to rescuers who arrive, provide them with any and all information connected with the carried cargo and comply with their instructions.