



## ANNEX 5:

**Special warning concerning heat sources – for the Master's attention****Disclaimer:**

This instruction has been issued solely for the charterer's internal use, and may not be relied upon by the owners or any other party as evidence with respect to the condition of the vessel. It may not be construed as a waiver of any of the charterer's rights under the Charter Party, applicable laws and or conventions.

**INSTRUCTION TO THE SHIP'S CREW  
CONCERNING AVOIDANCE OF HEAT SOURCES  
WHEN LOADING/UNLOADING AND CARRYING  
AMMONIUM NITRATE BASED FERTILIZERS**

All sources of heat must be kept away from ammonium nitrate based fertilizers, regardless of their classification. Potential heat sources are light bulbs, heating systems, steam pipes, electrical motors, live electrical cabling, naked flames, etc.

Therefore:

- **Switch off all light and heat sources in cargo holds prior to loading and during the whole voyage as long as the fertilizer is onboard.**
- **Remove electric fuses to cargo holds and keep them removed until cargo is unloaded.**
- **Do not allow welding or other hot work that can affect the fertilizer.**
- **Display 'No Smoking' signs.**





## ANNEX 6:

**What to do in emergencies – for the Master's attention****Disclaimer:**

This instruction has been issued solely for the charterer's internal use, and may not be relied upon by the owners or any other party as evidence with respect to the condition of the vessel. It may not be construed as a waiver of any of the charterer's rights under the Charter Party, applicable laws and or conventions.

**INSTRUCTION TO THE SHIP'S CREW  
FOR THE HANDLING OF EMERGENCIES  
INVOLVING THE DECOMPOSITION OF  
AMMONIUM NITRATE BASED FERTILIZERS**

- **If in port, contact the local emergency services.**
- **If at sea, contact the ship agent, shipping company or the supplier (as given on the safety data sheet).**
- **Avoid breathing fumes, as they may be toxic.**
- **Open hatches immediately to maximise ventilation.**
- **If possible, remove the heat source and extinguish the fire or decomposition.**
- **If possible, remove or separate the decomposing fertilizer material from the rest of the cargo, and drench it with water (salt or fresh).**
- **If not possible to remove or separate, drench the fertilizer in the cargo hold with water (salt or fresh). It is recommended to use water lances to penetrate the crust of decomposed fertilizers.**
- **DO NOT fight the decomposition by using foam, carbon dioxide, steam, sand or fertilizer.**

**USE WATER****NOT foam, CO<sub>2</sub>, steam, sand, fertilizer**