OCI AGRO

Accompanying document according Regulation (EC) 2003/2003

Granular 3

Sulphate of ammonia 21 (+24)

Waggonnumber	
Shipname	
Lorry registrationnumber	

Net weight	Kilogram

Supplier:
OCI Nitrogen B.V.
PO Box 601
6160 AP Geleen
Netherlands
www.oci-agro.com
e-mail: info.agro@ocinitrogen.com

OCI NITROGEN

Granular 3

Sulphate of ammonia 21 (+24)
EC FERTILISER

21% N Ammoniacal nitrogen
24% S Water-soluble sulphur

UK: Control of Major Accident Hazards (Amendment) Regulations 2005: Not classified

Emercency phone:
ALERT CENTRE +31 46 476 55 55 (24/24hr)

Instructions for Transport and Storage

1. Transport and storage instructions

Rail transport

In the event of problems (damage to the seals, penetration of moisture, shorts) an official railway statement of facts is to be prepared immediately upon discovery and before (further) unloading! Send the statement of facts together with consignment note, delivery note and assignment of rights to the previous supplier.

Transport by ship

Any complaints relating to goods transported by ship shall immediately be submitted to the previous supplier and the carrier by the party receiving the goods and subsequently be confirmed in writing.

Collection by lorry

Immediately upon receipt of the consignment any problems are to be noted on the forwarding document, and reported to the previous supplier. The haulier/driver confirms the proper receipt of the goods on the forwarding contract at the place of supply.

Bulk storage

Protect against moisture and the effects of weathering. Fertilizers take up easily moisture. To prevent against hardening and to maintain spreadability, always keep fertilizer dry and protect it against humidity and heating up by the sun's rays.

Fertilizer should be stored in buildings with a sealed roof and with closed doors, windows and hatches. Floors and walls are to be isolated from moisture. Bulk material is to be piled up high rather than wide, taking into account the load-bearing capacity of the walls and floors. Careful covering with tarpaulins or sheets – also when the introduction into storage or removal from storage is temporarily interrupted – is urgently advised. Observe the recommendations for the "bulk fertilizer chain" when storing in a silo.

2. Safety Instructions

Transport: The products are not subject to RID/ADR/ADNR.
Storage: UK: Statutory Instrument nr.1088 EC: Regulation 2003/105/EG

Properties and possible hazards

The fertilizers containing ammonium nitrate supplied by OCI Nitrogen B.V. are not self-igniting and not explosive. However, the effects of fire or heat with temperatures above 200 ºC may initiate decomposition, resulting in the formation of nitrous gases (poisonous when inhaled). Decomposition of these fertilizers cannot continue independently without further input of heat ("no smouldering").

Decomposition may also be triggered by things such as:

- accumulation of heat in an electrical system (e.g. overloaded electrical cables and lamps)
- heat of friction in conveying systems
- substances reacting with water resulting in development of heat (e.g. lime).

When the material is mixed with combustible substances (e.g. oil, fuels, straw and grain residues), this increases its sensitivity to heat. A mixture with alkaline reacting substances (e.g. lime, slaked lime) may release ammonia (poisonous when inhaled). A mixture with acidic reacting substances (e.g. superphosphate) may release nitrous gases (poisonous when inhaled).

Preventative safety measures

The provisions of the Dangerous Substances Regulation are to be strictly observed in order to avoid the decomposition of fertilizer. Thoroughly clean the storage area before storing.

Store fertilizer containing ammonium nitrate separately and keep away from sources of heat and from combustible or alkaline or acidic reacting substances.

Any hot work on a silo container that is not completely emptied and cleaned is prohibited. Welding operations to modify or improve a pressure vessel (silo vehicle) are allowed only with the approval of the competent expert who is responsible for pressurized gas containers, which approval is to be obtained prior to the start of the work.

3. Measures in the event of fire or decomposition of fertilizer

1. Call the fire brigade.
2. Put out the fire immediately with all available firefighting means.
3. Prevent heating of stored fertilizers containing ammonium nitrate: clear them out or cool with water spray.
4. Do not inhale gases from decomposed fertilizers. Respirators with filter insert for nitrous gases provide temporary protection. If there is heavier smoke development, more robust breathing protection is required.
5. In case of fertilizer decomposition, use only water, in sufficient quantities. Extinguishing materials such as foam or carbonic acid are ineffective, as is covering with sand or fertilizer.
6. Use a shovel or shovel loader to separate a recognizable seat of fertilizer decomposition and cool with water. Otherwise direct a full flow of water or extinguishing nozzles onto the seat of the decomposition.
7. If the seat cannot be recognized, direct water spray onto the surface of the fertilizer.
8. Speed up the extraction of smoke by opening the windows and breaking the roof.
9. Protect neighbouring fertilizer heaps from hot decomposition gases by spraying them with water.
10. Use sand, earth or sandbag walls to prevent extinguishing water entering surrounding drains (streams, ditches, channels and other waterways). Close gullies with water cushions.
11. Keep onlookers at a distance.
12. Seek medical attention after inhaling decomposition gases. In the meantime, keep patients calm and completely warm in the fresh air.
13. When containers are exposed to heat, e.g. in the event of fire, a transport accident or in case of damage to the vehicle, a rise in pressure on account of the decomposition of fertilizers must immediately be stopped. Release the silo container pressure through the valve, open container seals and lids, cool containers on the outside with a water spray and fill with water.

In case of fire or a decomposition of fertilizer also please inform the Alert Centre immediately:
Telephone Number: +31 46 476 55 55 (24 hours a day)

4. Further Information

All information provided by OCI Nitrogen B.V. or on behalf of OCI Nitrogen B.V. in relation to the properties, specifications, use, etc. of the products is based on accurate research work including literature searches and is to be regarded as reliable.

However, OCI Nitrogen B.V. can accept no liability for this, or for the results obtained by using the products or the information concerned, or for damage caused by the products or to the products or information.