

**Urean 30**

Urea Ammonium nitrate fertiliser solution 30

Wagon number	
Ship name	
Lorry registration number	

Net weight	Kilogram
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Supplier:

OCI Nitrogen B.V.
PO box 601
6160 AP Geleen
Netherlands

www.oci-agro.com

e-mail: info.agro@ocinitrogen.com

Urean 30

Urea Ammonium nitrate fertiliser solution 30
EC FERTILISER

30% N Total nitrogen
15 % N Ureic nitrogen
7 % N Nitric nitrogen
8 % N Ammoniacal nitrogen
< 0,5% Biuret

Ammonium nitrate-N: 15%

UK: Control of Major Accident Hazards (Amendment) Regulations 2005:

No classification

Ammonium nitrate contents: 42,9%

Emergency phone:

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

Instructions for Transport and Storage

1. Transport and storage Instructions

Before loading the containers, check that the inside is free of nitric acid. In contact with nitric acid there is a risk of detonation by the possible formation of highly explosive urea nitrate, which is sensitive to friction and impact.

Rail transport

In the event of problems (damage to the seals, penetration of moisture, shortage) 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.

Storage

Do not store below -10°C . After longer storage of Urean OCI Nitrogen B.V. recommends that it be pumped around before use for better homogenization. Urean consists of salts dissolved in water and may cause corrosion on unprotected metal surfaces and concrete parts. Equipment can best be maintained by regular and thorough cleaning with water.

2. Safety instructions

Transporting: 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 fertilisers 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 290°C may initiate decomposition of Urean, resulting in the formation of nitrous oxides and ammonia containing gases (poisonous when inhaled).

In contact with nitric acid there is a risk of detonation by the possible formation of highly explosive urea nitrate that it is sensitive to friction and impact.

Preventative safety measures

Follow the regulations relating to your permits. Thoroughly clean the storage before storing. Any hot work on a container or pipe that is not completely emptied and cleaned is prohibited.

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

1. Call the fire brigade.
2. Put out the fire immediately with all available firefighting means.
3. Prevent heating of stored fertilisers containing ammonium nitrate: cool them with a spray of water.
4. Solid material may be crystallized Urean of various compositions or urea nitrate. Both substances present a risk of detonation and are sensitive to friction and impact.
5. Do not inhale gases from decomposing fertilisers. Respirators with filter insert for nitrous gases provide temporary protection. If there is heavier smoke development, more robust breathing protection is required.
6. Speed up the extraction of smoke by opening the windows and breaking the roof.

7. Protect neighbouring fertiliser heaps from hot decomposition gases by spraying them with water.

8. Use sand, earth or sandbag walls to prevent extinguishing water entering surrounding drains (streams, ditches, channels and other waterways). Close gullies with water cushions.

9. Keep onlookers at a distance.

10. Seek medical attention after inhaling decomposition gases. In the meantime, keep patients calm and completely warm in the fresh air.

11. 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 fertilisers 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 fertiliser decomposition 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.