

Guidance concerning ammonium nitrate based fertilisers stored on farms

Disclaimer: This guidance is of a general nature and is based on sources of information currently available. Whilst AIC has used its best endeavours to ensure the accuracy of the guidance we cannot accept responsibility for any liability resulting from its use.

<p>A combined total of 25 tonnes or more of 'dangerous substances' stored or likely to be stored (includes pesticides and ammonium nitrate-based fertilisers)</p> <ul style="list-style-type: none"> applies to Class 5.1 fertiliser products and compounds containing 70% AN <p><i>Dangerous Substances (Notification and Marking of Sites) Regulations, 1990</i></p>	<p>Notify HSE Notify Fire Authority General danger (exclamation mark) sign at site entrance Oxidising substance sign on store</p>
<p>More than 150 tonnes ammonium nitrate-based fertiliser stored or likely to be stored.</p> <ul style="list-style-type: none"> applies to products in excess of 15.75% nitrogen and containing AN <p><i>Notification of Installations Handling Hazardous Substances Regulations, as amended, 2003</i></p>	<p>Notify HSE (separate notification to above)</p>
<p>More than 1000 tonnes of ammonium nitrate (EC, non EC or both)</p> <ul style="list-style-type: none"> applies to Class 5.1 products, which include compounds containing more than 70% AN <p><i>Planning (Hazardous Substances) Regulations, 1992</i> <i>Planning (Control of Major Accident Hazards Regulations (COMAH), 1999</i></p>	<p>Obtain planning permission</p> <p>Farmers are advised to store less than 1000 tonnes to avoid the need for planning permission</p>
<p>More than 350 tonnes of non EC ammonium nitrate or 1250 tonnes of EC ammonium nitrate (check allowance for quantities of both with HSE)</p> <ul style="list-style-type: none"> applies to Class 5.1 products , which include compounds containing more than 70% AN <p><i>Control of Major Accident Hazards Regulations (COMAH), 1999</i></p>	<p>Notify the HSE and prepare a major accident policy plan (MAPP)</p> <p>Farmers are advised to keep inventories below these volumes at any one site to avoid COMAH regulations, compliance with which could involve high costs</p>
<p>Indoor or outdoor storage of all fertilisers</p>	<p>Minimum 10 m from any watercourse or 50m from a borehole</p>
<p>IND(G) 23OL Storing and Handling ammonium nitrate (free from HSE Books) www.hse.gov.uk/pubns/indg230.pdf</p> <p>AIC's codes of practice for storing and handling solid fertilisers, see (www.agindustries.org.uk) click fma.org.uk for fertiliser publications</p>	<p>Gives further information on good practices</p> <p>Gives further information on good practices</p>

Secure Storage on Farm

In addition to the safe storage and handling of fertiliser advice, available from your supplier, the Agricultural Industries Confederation (AIC) and the HSE's "Storing and Handling Ammonium Nitrate" booklet, farmers should take note of the following with reference to on-farm security.

x	Do not store fertiliser where there is public access.
x	Do not leave fertiliser in the field overnight.
x	Do not store fertiliser near to, or visible from, the public highway.
x	Do not sell fertiliser unless the purchaser is personally known by you to be a bona-fide farmer / user and is aware of the need to follow this guidance. Do report any unusual purchase requests to the Police.
✓	Do record fertiliser deliveries and usage.
✓	Do, wherever possible, store fertiliser inside a locked building or compound.
✓	Do fully sheet fertiliser when stored outside and regularly check to ensure that the stack has not been tampered with.
✓	Do carry out regular stock checks.
✓	Do report immediately any stock discrepancy or loss to the Police
✓	Do record any manufacturer code numbers from the bags and, if available, the Detonation Resistance Test certificate number(s) as supplied by the manufacturer.

This Guidance has been produced in collaboration with Farmers Unions and the Police.

Disclaimer: This guidance is of a general nature and is based on sources of information currently available. Whilst AIC has used its best endeavours to ensure the accuracy of the guidance we cannot accept responsibility for any liability resulting from its use.

General recommendations for AN transport on tractor drawn trailers

Disclaimer: This guidance is of a general nature and is based on sources of information currently available. Whilst AIC has used its best endeavours to ensure the accuracy of the guidance we cannot accept responsibility for any liability resulting from its use.

Note: Further arrangements to develop additional codes of practice for handling and transporting AN are being considered and may change policies for farm collections of AN.

Agricultural tractors are exempt from new transport regulations applying to road vehicles. This means there are no legal weight or distance restrictions applying to product being moved from one part of a farm to another on a public highway.

However, recent concerns about fertiliser safety and security mean that it is unlikely that the fertiliser industry will load tractor drawn trailers for transport on the public highway unless drivers are have a vocational training certificate and adhere to the following practices:

- applies to Class 5.1 products and compounds containing 70% AN

Any tractor and trailer carrying ammonium nitrate on the public highway	Display an orange plate front and rear and have instructions in writing (Transport Emergency Card)
<p>Other farm vehicles used for road transport</p> <p>Transporting ammonium-nitrate based fertiliser (up to 3.5 t vehicle)</p> <p>Transporting ammonium-nitrate based fertiliser (3.5 t – 7.5 t vehicle)</p> <p>Transporting ammonium-nitrate based fertiliser (over 7.5 t vehicle)</p>	<p>Display an orange plate front and rear and have instructions in writing (Transport Emergency Card)</p> <p>2kg *fire extinguisher for cab + one other to make 4 kg total</p> <p>2 kg for cab + others to make total 8 kg (one at least 6 kg)</p> <p>2 kg for cab + other to make total 12 kg (one at least 6 kg)</p> <p>*Fire extinguisher – dry powder or equivalent used only to control a vehicle fire not a fire in the load</p> <p>(Water only should be used to extinguish a fire in the load)</p> <p>Full fire extinguisher requirements are being phased in but must be in place, by law, by 2007</p>

Every supplier of the above products must, by law, employ or contract, a Dangerous Goods Safety Adviser to which further questions should be addressed.