

**DANGEROUS GOODS**

# Ammonium Nitrate – Glossary of Terms

This information bulletin is designed to provide a glossary of terms in relation to Security Sensitive Ammonium Nitrate (SSAN).

**security sensitive ammonium nitrate (SSAN)** means –

ammonium nitrate, ammonium nitrate emulsions and ammonium nitrate mixtures containing greater than 45 per cent ammonium nitrate as specified under the Australian Dangerous Goods Code with the United Nation (UN) numbers 1942, 2067, 2068, 2069, 2070, 2071, 2072, 3375 and 3139 excluding solutions and excluding class 1 explosives.

**authorised person** means –

a person (in addition to the authority holder) who is named in the security plan and authorised under that plan to have unsupervised access to SSAN. This person will have undergone security checking and hold an NT WorkSafe dangerous goods licence.

**authority holder, or licence holder** means –

the person who has applied and received a licence from NT WorkSafe or interstate counterparts to transport SSAN.

**constant surveillance** means –

in the presence of an alert and authorised person, or the continuous monitoring by video or electronic surveillance.

**explained loss** means –

any documented loss caused by such things as product density changes, spillage, calibration variances, effects of humidity etc.

**long haul journey** means –

all journeys that do not meet the criteria of non-stop journeys, inasmuch as they require significant stationary periods in remote locations for rest and meal breaks.

**non-stop journey** means –

journeys transporting SSAN from one secure store to another during which the SSAN is kept under constant surveillance by an authorised person.

**Regulatory Authority** means –

the regulatory authority in the Northern Territory is NT WorkSafe or its interstate counterparts.

**secure** means secure from –

- (a) detectable theft
- (b) unexplained loss
- (c) sabotage
- (d) unauthorised access

**secure location** means –

*for road transport* - a secure (e.g. fenced and entry controlled) place where facilities and a management structure exists which insures accountability for both documenting and receiving or dispatching known quantities of security sensitive ammonium nitrate.

*for rail transport* - rail consignments in transit will be deemed to be secure if all points to the rail car, container, tank or vessel have been locked or effectively sealed with substantial tamper proof seals.

**secure store** means –

a physically secure place authorised by NT WorkSafe where SSAN is kept under lock and key or constant surveillance, and where there are procedures for:

- (a) controlling access
- (b) secure control of keys
- (c) documenting the receiving and dispatching of measured quantities of security sensitive ammonium nitrate

**security plan** means –

a plan that has been put in place to effectively minimise all security risks relevant to the transport of SSAN.

**security risk** means risk of –

- (a) theft of security sensitive ammonium nitrate; or
- (b) unexplained loss of security sensitive ammonium nitrate; or
- (c) possible sabotage of security sensitive ammonium nitrate; or
- (d) unauthorised access to security sensitive ammonium nitrate.

**sub contractor** means –

a person or company that sub-contracts to a licensed transporter and operates under licensed transporter's security plan. **Note:** Sub contractors are also required to be licensed to transport

**supervised access** means –

where access to SSAN by an employee or known individual is permitted under the direct supervision of an authority holder, or when working in a defined supervised area as detailed in the security plan

- (a) on a farm, supervised access could include workers spreading SSAN, providing:
- (b) an authorised person directly supervised the removal or SSAN from the secure store; and

- (c) that there was negligible prospect of the theft of the SSAN by the workers spreading it in the field; and
- (d) that unused SSAN was accounted for and returned to secure storage after use,
- (e) a person spreading SSAN under direct supervision of an authorised person, as above, would not need a security check.

**supervised area** means –

an area described in the security plan that has been specifically set aside and identified as a supervised area with appropriate controls and duties delegated to personnel operating in that area

**UN number** means –

the unique identifying number assigned to dangerous goods by the United Nations Committee of Experts on the Transport of Dangerous Goods, and outlined in the Australian Dangerous Goods Code

the UN number should be on the packaging of bagged fertilizer products that are classified as dangerous goods, and fertilizer suppliers should be able to provide UN numbers where applicable.

(Note: Some SSAN products, such as calcium ammonium nitrate, will not have a UN number)

**under lock and key** would normally include one of the following –

- (a) a compound with a security fence (AS1725)
- (b) a secure shed with lockable entrances, and if windows, ones that are locked or barred
- (c) a secure and lockable freight container, explosives magazine, cabinet or cage
- (d) a locked building
- (e) a securable fertiliser field bin, with a tamper evident seal
- (f) in the case of ammonium nitrate emulsions a lockable tank

quality security locks must be employed; electronic type locks may be acceptable.

**unexplained loss** means –

- (a) any documented loss that cannot be explained

if there are reasonable grounds to believe that SSAN has been stolen or lost, this is a matter to be reported to the local police and NT WorkSafe.

**unsupervised access** means –

access to SSAN when no other person with authorised access is present or has control over the SSAN. This includes:

- (a) access to the secure store
- (b) access to the keys to the secure store
- (c) access to SSAN while being transported
- (d) supervision over the use of SSAN

all those with unsupervised access to SSAN will need a security check.

**vulnerable facility** means –

a category of facility that includes, but is not restricted to, the following:

- (a) multistorey buildings of four storey or higher
- (b) large glass fronted buildings of high population
- (c) health care facilities, child care facilities and schools
- (d) public buildings or structures of major historical value
- (e) major traffic terminals, e.g. railway stations and airports
- (f) major public utilities, e.g. gas, water, electricity works
- (g) residential areas
- (h) sports stadium
- (i) critical infrastructure

For further information please contact NT Worksafe on 1800 019 115 or go to [worksafe.nt.gov.au](http://worksafe.nt.gov.au)