Dangerous Goods

Security sensitive substances

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 minimize 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, 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

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