

AMMOGEX EXPLOSIVE

AMMOGEX IS an ammonium-nitrate/fuel-oil blasting agent (ANFO). It contains a nominal 5.5 per cent fuel oil by weight.

It is free-flowing and consists of a non-caking prill of low density. It is neither No. 8 cap nor Primaflex sensitive and requires initiation by conventional high explosive or strong primer.

Ammogex may be used as a low-cost column charge in large hole diameter bench blasting, and also for the loading of small diameter holes with pneumatic ANFO charging machines.

Ammogex is unsuitable for use in wet holes as it is soluble in water.

Packaging: Strong paper sacks with plastic lining in units of 25 kg.



See over for safety data ►

The information and recommendations are given without warranty, expressed or implied, statutory or otherwise, and no liability shall be accepted for the consequence of any reliance placed thereon. Recipients should make their own tests to determine the suitability of products for their particular purposes.

NOTE: If in any doubt concerning the correct use of the above products contact Irish Industrial Explosives Ltd.
IMPORTANT: If considering destruction of surplus products in the field please refer to *Recommended methods for the destruction of Explosives and Accessories.*



**IRISH
INDUSTRIAL
EXPLOSIVES
LTD**

87/89
WATERLOO ROAD
DUBLIN 4

TEL: 01 668 5193

FAX: 01 668 5248

FACTORY
CLONAGH
ENFIELD, CO. MEATH

TEL: 0405 41086

FAX: 0405 41383

DEPOT
BALLYGIBLIN
MALLOW
CO. CORK

TEL: 022 27817

FAX: 022 27690

www.iie-online.com

Safety data for:

AMMOGEX EXPLOSIVE

1. CHEMICAL COMPOSITION

A mixture of Ammonium Nitrate and Fuel Oil (ANFO).

2. HAZARDS IDENTIFICATION

ANFO explosives are classed U.N. Division 1.1., i.e. substances having a mass explosion risk.

| Hazards | Risks |
|----------------------|---------|
| 1. Explosion | Serious |
| 2. Lifting/handling | Medium |
| 3. Chemical exposure | Minor |

Precautions

1. Personnel handling explosive must be trained in its use.
2. Personnel should be trained in lifting and handling.
3. Gloves should be worn when handling exposed explosives.

4. FIRST AID MEASURES:

Because of the fuel oil content ANFO can cause dermatitis. After contact with the skin wash thoroughly with water.

Do not ingest.

5. FIRE FIGHTING MEASURES:

Fires involving explosives must not be fought. An area of at least 300 metres around the fire should be evacuated, and the site of the fire must not be approached until it is absolutely certain that the fire is out.

6. ACCIDENTAL RELEASE MEASURES:

Spillages of ANFO should be carefully lifted and, preferably, put into a drill hole. If this is not possible the explosive should be destroyed in the manner described in the information sheet *Recommended Methods for the Destruction of Explosives and Accessories*.

7. HANDLING AND STORAGE:

Explosives must be handled with care and not subjected to naked flame, high temperatures, friction or shock. Smoking while handling explosives is strictly forbidden. Storage of explosives is permitted only by the Government Inspector of Explosives who will lay down the conditions of storage.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

When handling exposed explosives personnel are advised to wear suitable gloves and overalls. (See *First aid measures* above.)

9. PHYSICAL AND CHEMICAL PROPERTIES

ANFO is a relatively free-flowing material consisting of white prills and having a distinctive fuel oil (diesel) smell. ANFO has no water resistance and when exposed to moisture will dissolve leaving an oily residue which is non-explosive. The colour is white with a slight green tinge. The density varies from 0.8 to 0.9 gm/cc. For further information see over.

10. STABILITY AND REACTIVITY

The shelf life of these explosives—stored in good conditions—is at least six months.

11. TOXICOLOGICAL INFORMATION

There is no known toxic hazard from these explosives.

12. ECOLOGICAL INFORMATION

When burned these explosives may give off some nitrous fumes. Should the explosives be exposed to moisture the ammonium nitrate will dissolve releasing nitrates and free fuel oil.

13. DISPOSAL CONSIDERATIONS

See *Accidental release measures* above.

14. TRANSPORT INFORMATION

Explosives may only be transported as laid down in the relevant legislation, viz:

- S.I. No. 38 of 1955
- S.I. No. 151 of 1960
- S.I. No. 309 of 1973
- S.I. No. 317 of 1981
- S.I. No. 275 of 1986 and
- any additional legislation that may be enacted.

15. REGULATORY INFORMATION

Customers wishing to purchase explosives must comply with S.I. 115 of 1995, European Community (Placing on the Market and Supervision of Explosives for Civilian Use) Regulation 1995.

For further information on these or other **Irish Industrial Explosives Ltd.** products please contact us at one of the addresses below.



IRISH INDUSTRIAL EXPLOSIVES LTD

87/89
WATERLOO ROAD
DUBLIN 4

TEL: 01 668 5193
FAX: 01 668 5248

FACTORY

CLONAGH
ENFIELD
CO. MEATH
TEL: 0405 41086
FAX: 0405 41383

DEPOT

BALLYGIBLIN
MALLOW
CO. CORK
TEL: 022 27817
FAX: 022 27823

The information and recommendations are given without warranty, expressed or implied, statutory or otherwise, and no liability shall be accepted for the consequence of any reliance placed thereon. Recipients should make their own tests to determine the suitability of products for their particular purposes.

NOTE: If in any doubt concerning the correct use of the above products contact Irish Industrial Explosives Ltd.
IMPORTANT: If considering destruction of surplus products in the field please refer to *Recommended methods for the destruction of explosives and accessories*.

