

# Ammonium Nitrate

Ammonium Nitrate is a white crystalline, dry prill with the chemical formula  $\text{NH}_4\text{NO}_3$ . It is made by reacting nitric acid with anhydrous ammonia under very carefully controlled conditions.

The resulting material is further processed to form granular prills.

Pure Ammonium Nitrate is water soluble. Conditioning agents are added to Ammonium Nitrate so a typical analysis is 34.5% Nitrogen by weight.

Ammonium Nitrate (oxidiser) is used extensively in the mining industry and is

intentionally made very porous to allow for the rapid uptake of liquid fuel oil (fuel). This ANFO mixture then becomes an explosive product.

A range of explosive grade porous prill Ammonium Nitrates are sold by EPC-UK Explosives. Ammonium Nitrate can be supplied in either 25kg bags or 1 tonne bags depending on the grade supplied.



## Product and Company Identification

Product Identifier	Ammonium Nitrate, porous grade.
Use of the Product	Porous Ammonium Nitrate for the on-site manufacture of ANFO explosives.
Manufacturer / Supplier	EPC-UK EXPLOSIVES
Address	ROUGH CLOSE WORKS CARNFIELD HILL SOUTH NORMANTON ALFRETON DERBYSHIRE, DE55 2BE
Telephone Number	01773 832253
Contact e-mail	info@epc-groupe.co.uk
Emergency Telephone Number	01773 832253

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TERMS AND CONDITIONS: "The products and services that we supply to you are sold subject to our standard Terms and Conditions of Supply and any other Special Conditions that we notify to you. Copies of these conditions are available on request."

The information contained in this leaflet is given without warranty and cannot cover all conditions of use. Users should undertake their own tests to ensure the suitability of the products for their own particular application.

