TECHNICAL DATA SHEET

Ammonium Nitrate Solution
USA, Canada and Mexico

Description
Liquid Ammonium Nitrate (NH4NO3: hot concentrated solution).

Application
Ammonium Nitrate (AN) Solution is the primary oxidizer used in the manufacture of bulk and packaged emulsion explosives; required for more complex blasting applications than conventional ammonium nitrate fuel oil (ANFO) mixtures.

Key Benefits
- AN Solution is low cost.
- Easily moved by bulk, rail or truck shipments.
- Ammonium Nitrate Solution is transported as an oxidizer.
- Solution can be used in the production of bulk and packaged explosives.

Packaging
Available in Bulk loads only. Shipments can be made in either an insulated DOT approved bulk road truck or rail car.

Storage and Handling

Storage
Ammonium Nitrate (AN) Solution must be stored at 10°-30°C (18°-48°F) above the product's freeze point, dependent upon concentration required / shipped.

If there is any concern an Orica Technical Representative should be contacted.

Disposal
Disposal of explosive materials can be hazardous. Methods of safe disposal of explosives may vary, depending on the user's situation. Please contact an Orica Technical Representative for information on safe practices.

Product Classification USA
Authorized Name: Ammonium nitrate, liquid
Proper Shipping Name: Ammonium Nitrate, Liquid
Classification: 5.1
UN No: 2426

All regulations pertaining to the handling and use of such explosives apply.

Safety
Ammonium Nitrate Solution poses the following hazards:
- Supports combustion
- Decomposes with excessive heating, releasing toxic fumes
- Thermal and chemical burns
- Toxic to aquatic organisms
- See the MSDS for complete product details.

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Emergency Telephone Numbers
For chemical emergencies (24 hour) involving transportation, spill, leak, release, fire or accidents:

Canada: Orica Canada emergency response 1-877-561-3636

USA: Chemtrec 1-800- 424-9300

Notes:
(1.) Minimum of 65%.
(2.) Dependent upon concentration required / shipped, maximum shipping temperature 116° C (240° F).