

WHAT TO DO IN AN EMERGENCY

The chance of an emergency arising at Dyno Nobel's Moura facility is very remote. In more than 25 years of operation, there have been no major incidents at the site. If there is an emergency, the site will immediately notify Emergency Services.

The Emergency Services will advise the community on what action to take, either in person, via mobile, or through radio or TV broadcasts. Emergency Services will work with Dyno Nobel experts to define a hazardous zone and people inside this zone may be asked to 'evacuate' or remain indoors ('Shelter in Place'). The most likely exclusion zone would be on the Dawson Highway between the Moura Meridian Marker and The Pasadena Farm Turn off, as well as Three Chain Road; between the Dawson Highway and the turn off to the Dawson mine.

If asked to 'evacuate' by emergency services, you will be advised of the direction to travel and where to assemble. Wait at the assembly point until given further instructions.

If you are asked to 'Shelter in Place', remain indoors with doors and windows closed and air-conditioning switched off.

In any situation, follow the directions of Emergency Services until the 'All Clear' is given. This will be an announcement, either in person, via mobile, or through a radio or TV broadcast.



MORE INFORMATION

For general enquiries, please contact Ron Dilger, Dyno Nobel Moura Site Manager (office hours) on:
07 4997 3945
Or via the internet at www.dynonobel.com

WHAT TO DO IN AN EMERGENCY

IN AN EMERGENCY, FOLLOW INSTRUCTIONS GIVEN BY THE POLICE, FIRE SERVICE OR OTHER EMERGENCY SERVICE.

If you are asked to 'Evacuate':

GET AWAY

Evacuate promptly and safely. Emergency Services will tell you where to go to be safe.

STAY AWAY

Respect roadblocks and exclusion zones – these are in place for your safety. Do not return until advised by Emergency Services.

If you are asked to 'Shelter in Place':

GO IN



Go inside



Close doors and windows



Turn off air-conditioning

STAY IN



Stay inside unless directed to evacuate

TUNE IN



To get updated information, listen to local radio or television

COMMUNITY SAFETY INFORMATION

Advice for neighbours of Dyno Nobel's Moura Ammonium Nitrate Emulsion Manufacturing Facility

This communication has been prepared by Dyno Nobel to provide information to those who live, work or own property near the Dyno Nobel ammonium nitrate emulsion blending plant at:

5 Three Chain Road, Moura, QLD 4718

If you require further information after reading this document, please contact Dyno Nobel Moura on 07 4997 3945 or Incitec Pivot Limited's Corporate Affairs department on 03 8695 4400.

IN AN EMERGENCY CONTACT POLICE, FIRE OR AMBULANCE ON 000

Dyno Nobel is a business of Incitec Pivot Limited (IPL), which has a long and proud history of safely producing a wide range of explosives, fertilisers and industrial chemicals. Safety is at the heart of our company culture and this focus is symbolised by two of the key values that drive our behaviour as a company and as individuals.



While providing essential inputs for mining in the region, Dyno Nobel stores a quantity of chemicals and emulsion related products at the Moura site. There are no explosives stored on site.

Strict government regulations control the storage and handling of dangerous goods at our facility, and we have detailed emergency plans to manage any incident. Nevertheless, it is possible that an unplanned event on our site may create a hazard for those who live or work beyond our boundaries.

We take the safety and interests of our neighbours and employees most seriously. Our employees are well trained in emergency procedures and this publication is designed to inform the community of actions to take in the event of an emergency.

DYNO
Dyno Nobel

A business of
Incitec Pivot Limited

IN AN EMERGENCY CONTACT POLICE, FIRE OR AMBULANCE ON 000

Moura Site Details

Dyno Nobel Moura Pty Ltd (**Dyno Nobel Moura**) operates an ammonium nitrate emulsion manufacturing facility located approximately 5 km to the north-east of the town of Moura, in Central Queensland. Operations commenced in 1999. The site is co-located with Queensland Nitrates Pty Ltd (**QNP**). The Dyno Nobel Moura site covers an area of approximately 1 hectare out of a land parcel of ~267 hectares, co-located next to QNP, another Major Hazard Facility in its own right.

The Dyno Nobel Moura facility produces ammonium nitrate emulsion by blending diesel fuel and ammonium nitrate solution. Ammonium nitrate emulsion is supplied to mining customers who use it as a raw material in the manufacture of explosives. The emulsion is a precursor to explosives, and not in themselves a Class 1 explosive.

The site typically has five site-based manufacturing personnel, and usually up to two transport drivers, visitors or contractors. Site employees mostly reside in the surrounding area with their families and form part of the local community.

Site Activities

The site's principal activity is the production, storage, and distribution of ammonium nitrate emulsion to surrounding mines.

Ammonium nitrate emulsion is a blend of ammonium nitrate solution and diesel fuel or mineral oils. The emulsion looks like petroleum jelly and is used on mine sites as a component in the blasting process. The emulsion production process involves the mixing of ammonium nitrate solution with the diesel fuel phase in the presence of some emulsifying chemicals to form a thickened final product. The site stores the material until it is sent to customers' sites in dedicated trucks.



Safety Case Information

Dyno Nobel Moura is classified as a Major Hazard Facility (MHF) under the Queensland Work Health and Safety Act 2011 because the site stores, processes and produces large volumes of dangerous goods, including Ammonium Nitrate Emulsion.

All MHFs are required to have a current Safety Case describing the hazards and risks that may lead to a major incident. It must document the control measures which are in place to minimize the likelihood, and potential impact of such an incident. It demonstrates the adequacy of these controls that ensure the safe operation of the MHF.

Workplace Health and Safety Queensland monitors Dyno Nobel Moura through regular audits to ensure the hazards and risks associated with Dyno Nobel Moura's operations are appropriately managed.

Ammonium nitrate emulsion is classified as an "oxidising agent", which means that while they do not burn, they may cause other materials to burn. None of these products is classified as an explosive. However, they can react with many chemicals and, on heating, can give off toxic fumes. Under certain conditions, ammonium nitrate emulsion can explode, and this is the principal potential cause of risk.

Some other chemicals in smaller quantities are used on site, including acids (nitric), alkalis (caustic soda) and oxidising substances (sodium nitrate). While many of these chemicals are classified as dangerous goods, incidents involving them are unlikely to result in an impact outside of the site.



Types of Emergencies

Dyno Nobel is committed to operating safely and there are comprehensive systems and procedures to ensure this. However, because of the nature of some materials we use and the chemical processes involved, emergency situations may occur. Dyno Nobel has worked with local Emergency Services, neighbours, and community organisations to develop plans for any emergencies. These plans cover the full range of potential incidents, including fires, chemical spills, explosions, bomb threats and natural disasters.

In most situations, the effects of an emergency will be contained within the site boundaries. There are two main types of emergencies that could impact on areas outside the site, an explosion, or the release of noxious fumes from a large fire. In either of these unlikely events, Dyno Nobel will work with local Emergency Services to minimise impact on the community. In extreme circumstances this could involve evacuation of the site and surrounding areas. To ensure your safety, promptly follow all instructions from Emergency Services.

Our Safety Framework

Dyno Nobel operates under a strict framework of federal, state, and local government safety and environmental regulations. At Moura we operate according to a prescribed Safety Management System (SMS), which is reviewed regularly and approved by the QLD Government agency WorkSafe. Our SMS includes procedures, controls, and training for all aspects of our operations, including start-up, shutdown, maintenance, and normal operation. Robust emergency and security plans are also included in our SMS.

More Information

If you require further information, please contact us:
5 Three Chain Road, Moura, QLD 4718
Ron Dilger, Site Manager (office hours) on 07 4997 3945
Or via the internet at www.dynonobel.com

For emergencies, please contact:
Emergency Services: 000
Dyno Nobel Emergency Support (24/7) on: 1800 098 836