

## Centra™ Intense Ammonium Nitrate Emulsion Phase

### Description

*Centra™ Intense Ammonium Nitrate Emulsion Phase (ANE)* is the emulsion component for use in quarries to deliver *Centra™ Intense* products. It is an explosive emulsion product manufactured from oxidiser solution, fuel and solid sensitisers.

*Centra™ Intense ANE* appears as an opaque, white colored viscous fluid, similar to a light grease or heavy oil.

### Application

*Centra™ Intense ANE* is manufactured by Orica to the highest quality standards and is delivered via tanker trucks or Iso tanks into appropriate holding tanks.

*Centra™ Intense ANE* can be only used to manufacture authorized *Centra™ Intense* Series of explosive products. Before mixing at any specific site, licenses are required from the appropriate Regulatory Authority

### Technical Properties

*Centra™ Intense ANE* is an explosive precursor. Technical properties related to its explosive characteristics can be found on the *Centra™ Intense* technical data sheet.

*Centra™ Intense ANE* Density 1.20g/cc

### Recommendations for Use

*Centra™ Intense ANE* is recommended for manufacturing *Centra™ Intense* Series products. Contact your local Orica Technical Representatives for advice.

### Ground Temperature

*Centra™ Intense ANE* is available for use in ground temperatures 0°C (32°F) to a maximum of 55°C (131°F). If your application requires you to operate outside this temperature range please contact an Orica Technical Representative.

### Storage and Handling

#### Product Classification

Authorized Name:	<i>Centra™ Intense ANE</i>
Proper Shipping Name:	Explosive, blasting, type E
Classification:	1.5D
UN Number:	0332
Packing Group:	II
EX Number:	1999110170 (Charlestown) <i>Centra™ Intense ANE</i>

#### Storage

*Centra™ Intense ANE* can be stored on site for up to 3 months before use. However, the formation of crystals in the emulsion is the first sign of the product reaching the end of its life span. If practical, oldest stock should be used first.

If there is any concern with the product quality 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 a local Orica Technical Representative for information on safe practices.

#### Safety

*Centra™ Intense ANE* is relatively insensitive to accidental initiation by shock, friction or mechanical impact under normal conditions of use. Detonation may occur from heavy impact or excessive heating particularly under conditions of confinement.

Explosives based on Ammonium Nitrate such as the *Centra™ Intense ANE* may react with pyritic materials in the ground and create potentially hazardous situations. Orica accepts no responsibility for any loss or liability arising from use of the product in ground containing pyritic or other reactive material.



### Trademarks

The word Orica, the Ring device and the Orica mark are trademarks of Orica Group Companies. *Centra™* is a registered trademark of Orica Explosives Technology Pty Ltd. ACN 075 659 353, 1 Nicholson Street, East Melbourne, VIC Australia.

### Disclaimer

The information contained herein is based on experience and is believed to be accurate and up to date as at the date of its preparation. However, uses and conditions of use are not within the manufacturer's control and users should determine the suitability of such products and methods of use for their purposes. Neither the manufacturer nor the seller makes any warranty of any kind, express or implied, statutory or otherwise, except that the products described herein shall conform to the manufacturer's or seller's specifications. The manufacturer and the seller expressly disclaim all other warranties, INCLUDING, WITHOUT LIMITATION, WARRANTIES CONCERNING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Under no circumstances shall the manufacturer or the seller be liable for indirect, special, consequential, or incidental damages without limitation, damages for lost or anticipated profits.

Orica Canada Inc.  
301 Hotel De Ville  
Brownsburg, QC J8G 3B5  
Tel: +1 303 268 5000  
Fax: +1 303 268 5250

Orica USA Inc.  
33101 East Quincy Ave  
Watkins, CO 80137  
Tel: +1 303 268 5000  
Fax: +1 303 268 5250

### Emergency Contact 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**

For lost, stolen or misplaced explosives:

**USA:** BATFE **1-800-800-3855**. Form ATF F5400.0 must be completed and local authorities (state/municipal police, etc) must be advised.

