

RIOXAM™ HD WR

High Density Water Resistant ANFO

www.maxam-na.com

RIOXAM

RIOXAM™ HD WR is a high density water resistant ANFO that is manufactured as a free flowing, non-cap sensitive, water resistant blasting agent that can be pour-loaded into surface or underground applications in damp holes.

The ammonium nitrate prills of RIOXAM™ HD WR are coated with a water blocking material which renders the product water resistant for a limited period of time.

RIOXAM™ HD WR blasting agents are very efficient and economical commercial explosive.

Advantages

- Completely fills borehole
- Optimum results
- Safe to handle
- Free flowing
- Low cost
- High Density
- Water Resistant

Always and Never

- Never pour RIOXAM™ HD WR into a borehole with a diameter lower than 2.5 inches.
- Never pneumatically load RIOXAM™ HD WR into a borehole with a diameter less than 1.5 inches or more than 2.5 inches.
- Never initiate RIOXAM™ HD WR with detonating cord.



RIOXAM™ HD WR should be stored in a cool, dry, well ventilated magazine, and has a shelf life of three months when stored properly.

RIOXAM™ HD WR deteriorates quickly when the temperature cycles through 90°F (32°C).

RIOXAM™ HD WR is packaged in 50 lb polyethylene lined multi-layered paper bags or 55 lb polyethylene water-proof bags.

RIOXAM™ HD WR must be stored in a high explosives magazine in accordance with local, state, and federal regulations.

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Technical Specifications

Density (gm/cc)	1.05
Relative Weight Strength	1.07
Relative Bulk Strength	1.38
Velocity of Detonation (5" diameter)	17,250 ft/s (5,260 m/s)
Water Resistance	Limited
Minimum Borehole Diameter	75mm (3 in)

Recommendations of Use

Priming requirements: RIOXAM™ HD WR is booster sensitive and requires a 400g RIOBOOSTER™ DET for holes above 102mm in diameter and a 150g RIOPRIME™ DET in holes below 102mm in diameter. Smaller RIOPRIME™ DET may reduce the performance of the explosives and are not recommended with this product. Additional primers should always be used where there is a risk of column disruption and/or column length exceeding 12m. RIOCORDER™ downlines are not recommended for use with this product.

Water Resistance: RIOXAM™ HD WR has limited water resistance and is suitable for use in damp and dry ground conditions only.

Sleep Time: RIOXAM™ HD WR may have a sleep time of up to six weeks in dry ground conditions. Check with your MAXAM representative if you plan to sleep RIOXAM™ HD WR for more than 14 days.

This product is not suitable for use in any reactive ground conditions.

RIOXAM™ HD WR should only be used in ground temperatures between 0°C and 55°C.

NEVER pneumatically load RIOXAM™ HD WR into a borehole with a diameter less than 1.5 inches or more than 2.5 inches.

Hazardous Material Classification

Explosive, Blasting, Type B

Class and Division 1.1D

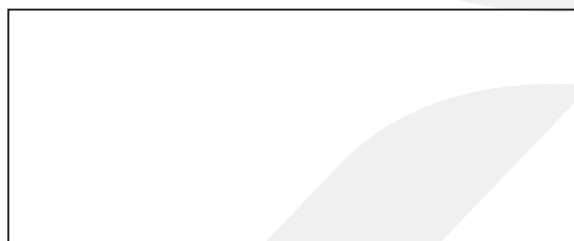
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Maxam North America
Corporate Office
6975 Union Park Center, Suite 525
Salt Lake City, UT 84047
Phone: (801) 233 6000
Fax: (801) 233 6004
Toll Free: (800) 543 5666
Email: info@maxam-na.com

Distributor:



Contact your
MAXAM representative for
further information.

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