AquaMAX® 9000

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BULK EXPLOSIVES

PRODUCT DESCRIPTION

Enaex Australia AquaMAX® 9000 product is suitable for underground mining operations where there is a need for quick and adjustable charging and good water resistance.

AquaMAX® 9000 is charged by pumping and sensitised in situ.

The benefits of AquaMAX® 9000 include:

- Excellent safety characteristics.
- Excellent water resistance, which enables extended sleep time in wet holes.
- Ability to chemically gas to various in-hole densities to meet specific energy requirements as well as suit ground conditions.

APPLICATION

AquaMAX®9000 is a high-energy bulk emulsion explosive ideal for underground mining operations.

- AquaMAX® 9000 can be used in wet as well as dry boreholes.
- AquaMAX® 9000 can be applied in horizontal as well as vertical up-holes and down-holes.
- AquaMAX® 9000 requires a booster for optimum initiation.
- Please consult your technical representative for site-specific applications.

CLASSIFICATION

UN No.	0241
Shipping Name	Explosive Blasting, Type E
Class	1.1D
Safety Data Sheet	AquaMAX®

RECOMMENDATIONS FOR USE

Priming Requirements: AquaMAX® 9000 underground explosive product requires at least a 25g Booster for ideal detonation.

Packaging: AquaMAX® 9000 is available in bulk and is charged into vertical up-holes, down-holes or horizontal boreholes with state of the art charging equipment.

Handling: Information regarding this product is available from the relevant SDS.

Transportation: All explosives are classified as Dangerous Goods and must be transported in accordance with relevant State and Commonwealth regulations.

Storage and Security: All explosives are classified as Dangerous Goods and must be stored and secured in accordance with relevant State and Commonwealth regulations.

DISCLAIMER

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TECHNICAL PROPERTIES			
Properties	**AquaMAX® 9000**		
Density range[1] (g/cm³)	0.8	1.0	1.2
Heat of Reaction[2] (MJ/kg)	2.9	2.9	2.9
Relative weight strength[2] (%)	78	78	78
Relative bulk strength[2] (%)	76	95	114
Velocity of Detonation (VoD) Range[2] (km/s)	3.0 - 5.0	3.0 - 5.0	3.0 - 5.0
Gas Volume (Lt/kg)	990	990	990
Minimum hole diameter[3] (mm)	30	45	60
Maximum sleep time dry conditions[4]	4 weeks		

1. The AquaMAX® 9000 range is able to be gassed to densities from 0.8 to 1.2 g/cm³.
2. AquaMAX® 9000 energy values have been calculated with the Cheetah 2.0 (NTP) ideal detonation code with ANFO as reference explosive at 0.82 g/cm³.
3. Minimum hole diameter depend on applied in-hole density.
4. Sleep time is dependent on in-hole water conditions and geology.

EMERGENCY CONTACT

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Do you want to get in touch with one of our experts?

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