

RIOHIT ST

High Energy Cartridged Emulsion

www.maxam.net

RIOHIT HIGH ENERGY

DESCRIPTION

The RIOHIT line is the result of the most advanced developments in emulsion technology.

RIOHIT is a high energy, water resistant cap sensitive emulsion.

APPLICATION

RIOHIT ST has been design for priming applications and as medium density column explosive in quarries, construction and mining operations.

RIOHIT ST is manufactured in a variety of cartridge sizes to satisfy a wide range of blasting applications.

RECOMMENDATIONS FOR USE

The high water resistance of RIOHIT ST allows for its use in wet boreholes. Do not use in flammable or methane atmospheres. This product is detonator and RIOCORDER 10 g/m sensitive. RIOHIT ST can be used within the temperature range of 0°C and +50°C and stored between 5°C and +30°C. For further

Advantages

- High cost effective emulsion suitable for wide range of blasting applications.
- #8 Detonator and RIOCORDER 10 g/m sensitive.
- Highly water resistant.
- OH&S issues associated with storage and handling of nitroglycerin products eliminated.
- Packaged in HDPE, high strength film ideal for medium size boreholes.



1. HDPE plastic wrapping for added water and abrasion resistance.



2. Ideal choice for Open Pit and Quarry mining.

information consult the Use Recommendations Sheet included inside the boxes or packaging of the product and its respective Material Safety Data Sheet.

SAFETY

USE: RIOHIT should be used, handled and stored with care, ensuring the product is kept away from flames and excessive heat sources.

DISPOSAL: The disposal of explosive material can be dangerous, ensure the appropriate safety measures have been applied according to the instructions on the MSDS.

STORAGE

To maintain the properties of MAXAM's explosives, we recommend they be stored in authorized deposits, in a cool dry place, with good ventilation.

MAXAM

Technical Characteristics

Density Range (g/cm ³)	1,1
Velocity of Detonation* (m/s)	2800 - 6000
Relative Effective Energy¹ (%)	
Relative Weight Strength	95
Relative Bulk Strength	130
Gas Volume (L)	921

1) ANFO: Density 0,80 g/cm³, Effective energy 2.59 MJ/kg.

* VOD is dependent on application, diameter, confinement, and density. The maximum value within the range is the Ideal VOD.

Standard Packaging 1.1D (Nominal values)

Diameter x Length (mm)	Cartridge Weight (g)	Cartridges/Box	Weight/box (kg)	Type of Encasing
50 x 650*	1389	18	25	Plastic film cartridge(HDPE)
65 x 650	2500	10	25	Plastic film cartridge(HDPE)
70 x 650	2778	9	25	Plastic film cartridge(HDPE)
80 x 600	3750	6	23	Plastic film cartridge(HDPE)
90 x 650*	5000	5	25	Plastic film cartridge(HDPE)

* Available upon request.

Transport Classification	Standard Packaging
Class	1.1D
UN Number	0241

Contact your local MAXAM representative for further information.

SAFETY WARNING

Read the Instructions Safety Sheet and the Material Safety Data Sheet provided carefully before using RIOHIT. MAXAM strongly recommends not to use RIOHIT products with detonators and/or initiation systems supplied by other manufacturers in the same blast and declines all liability in these cases. RIOHIT must be stored at moderate temperatures in a dry and well ventilated place.

DISCLAIMER AND LIMITATION OF LIABILITY

The information contained herein (the "Information") is not exhaustive and subject to periodical review. The data contained herein may vary on account of the particular operating and maintenance conditions and of external factors, such as humidity, temperature, or pressure. MAXAM Europe, S.A. and/or its affiliates ("MAXAM") do not warrant or make any representation regarding the accuracy or completeness of the Information. MAXAM further reserves the right, in its sole discretion and without prior written notice, to modify the products described herein (the "Products") and/or their specifications.

The use of the Products is an intrinsically dangerous activity and must, consequently, be restricted to qualified and trained users in possession of any necessary permits and licenses, and comply at all times with appropriate safety and risk prevention measures and with the applicable law. The use, storage, or otherwise handling, of the Products may be subject to local regulations and restrictions, which must be examined and observed by the user.

This document and any accompanying information (the "Documentation") is not intended to constitute, and shall not be construed as, an offer or contractual commitment on MAXAM's side. MAXAM expressly disclaims any liability towards third parties with regard to the Documentation. For further information about the Products, please contact your distributor or sales representative directly.

Distributor:

MAXAM BURKINA FASO SRLU
Ouagadougou, Rue 13-12, secteur 13,
Lot 20, parcelle M, Porte 609,
Commune de Ouagadougou
contact.bf@maxam.net