



EUCON CHF₁₅₀

LIQUID UTILITY CUTTERHEAD FOAM

DESCRIPTION

EUCON CHF₁₅₀ is a liquid ready to use utility cutterhead foam intended for use in typical ground conditions. Eucon CHF150 provides an economical and stable foam material that can be used in most applications where ground conditions are not considered severe duty. These conditions include light sand and silted clay. EUCON CHF150 can be adjusted at the Tunnel Boring Machine to provide a variety of spoils conditions ranging from 'wet' to 'toothpaste' consistency.

PRIMARY APPLICATIONS

- TransporationsTunnels
- Water Retention Tunnels
- Water Diversion Tunnels
- Untility Tunnels

FEATURES/BENEFITS

- Reduced torque load
- Accomodates variety of soil conditions
- Increased TBM thrust
- Can be delivered in bulk containers
- Adjustable spoil consistency
- East to pump formulation
- Non-degrading under high shear
- Economical

PACKAGING

EUCON CHF 150 is packaged in bulk, 275 gal (1041 L) totes and 55 gal (208 L) drums and 5 gal (18.9 L) pails.

SHELF LIFE

12 months in original, unopened container.

DOSAGE

Typical Foam Injection Rate (FIR) varies between 20 and 40. EUCON CHF 150 can be used at higher rates as ground conditions mandate.

Typical Foam Expansion Rate (FER) is between 7 and 20.

DIRECTIONS FOR USE

Diluition rate (with water) is normally between 2 and 6%. Consumption rate is normally 0.5 to 2.0 liters per cubic meter (0.1 to 0.4 gal. per cubic yard) of undisturbed rock surface.

PRECAUTIONS/LIMITATIONS

- Wear protective goggles and gloves when handling EUCON CHF 150.
- Maintain EUCON CHF 150 above freezing.
- Do not agitate with air.
- In all case, consult the Safety Data Sheet before use.

Rev. 1.15

WARRANTY: The Euclid Chemical Company ("Euclid") solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Euclid, no other representations or statements made by Euclid or its representatives, in writing or orally, shall alter this warranty. EUCLID MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Euclid product fails to conform with this warranty, Euclid will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Euclid does not authorize anyone on its behalf to make any written or oral statements which in any way alter Euclid's installation information or instructions in its product literature or on its packaging labels. Any installation of Euclid products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Euclid's products for the Buyer's intended purposes.