



PRODUCT INFORMATION

BROCHURE

5.1

Hydrox U



Hydrox U is an emulsion matrix which is used to produce Hydromite 100, Hydromite 70 and HEET 30 by sensitizing with gassing solution(s) in an approved pump truck or repump unit. Hydrox U is a high viscosity matrix and can therefore be also used in up holes.

Hydrox U is a water-in-oil emulsion based on ammonium nitrate.

PRODUCT OVERVIEW

ADVANTAGES

- Delivery possible in drums, plastic containers (IBC's) or ISO tanks.
- Easy to handle due to low viscosity.

PROPERTIES

Properties	Value
Density [g/cm ³]	1.40
Viscosity at 20 °C [cP] (1)	60,000 to 100,000

Notes:

(1) Measured at 20 °C.

STORAGE

- Lower temperature limit +5 °C.
- Upper temperature limit +30 °C.
- Store away from flammable substances.
- Keep ignition sources away – Do not smoke.
- Protect from heat and sunlight.

SHELF LIFE, STORAGE & DISPOSAL

- 6 months from the date of manufacture under proper storage conditions.
- Store in accordance with all applicable local and national legal requirements. If in doubt, contact your supplier or the manufacturer.
- Disposal of explosive materials can be hazardous. Methods of safe disposal of explosives may vary depending on the user's situation. Please contact an Austin Powder Technical Representative for information on safe practices.

TRANSPORT – UN CLASSIFICATION

Shipping Name: Ammonium Nitrate Emulsion
Class & Division: 5.1
ID Number: UN 3375

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**Our Mission is to improve the world we live in
through the safe and responsible use of explosives.**

Austin Powder, 17 President Avenue, Kalulushi, 10101, Zambia
austinpowder.com | info@austinpowder.com