



PRODUCT INFORMATION

BROCHURE

5.1D

HYDROX S



Hydrox S Bulk matrix based on ammonium nitrate, intended for the manufacture of explosive emulsion. Sub-product used to produce HYDROMITE 100, HYDROMITE 70 and HEET 30 from a pumping truck.

PRODUCT INFORMATION

APPLICATION RECOMMENDATIONS

- Emulsion matrix used to produce explosive agents such as Hydromite 100, Hydromite 70 and Heet 30.
- For use in surface mining, quarries and / or construction work.
- Because it is a bulk product, its use is designed to be applied from the tank or pumping truck.
- Minimum 0.64 g PETN detonator or comparable power detonator.
- It should not be used in hazardous environments where flammable gases or dust may exist.
- Austin accepts no responsibility for any loss or liability arising from the use of the product on ground that contains pyrite or other reactive material.

PROPERTIES

Properties	Value
Nominal density [g/cm ³] ⁽¹⁾	1.31
Nominal Viscosity [kcPs] ⁽¹⁾	30

Note:

(1) Density and viscosity are temperature dependent values.

STORAGE

- Storage must be in accordance with local, provincial, state and federal laws.
- Store in a dry, fresh, clean and well-ventilated environment.
- Do not expose the product to direct sunlight or heat sources.
- Lower temperature limit +10 °C.
- Upper temperature limit +35 °C.

SHELF LIFE, STORAGE & DISPOSAL

- SHELF LIFE: 6 (six) months from the date of manufacture, under appropriate storage conditions.
- STORAGE: Storage must be in accordance with local, provincial, state and federal laws. Store in a dry, fresh, clean, and well-ventilated environment. Do not expose the product to direct sunlight or heat sources. Lower temperature limit +10 °C. Upper temperature limit +35 °C.
- DISPOSAL: 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, intermediate product for blasting explosives.

Class & Division: 5.1D

ID Number: UN 3375

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AUSTIN POWDER

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