

# TECHNICAL BULLETIN

## QUENCH™ NR

### FLAME RETARDANT

#### PERFORMANCE FEATURES

- Effective with fiber blends
- Soft handle
- Economical

#### Product Description

*Quench™ NR* is an excellent choice for fabrics composed of blends of fibers. This blend of water-soluble flame-retardants offers an economical choice for topical treatment of fabrics. The resulting hand of this flame-retardant finish has been described as so soft that it is hard to tell anything has been applied. Applications of 5 to 15% on the weight of the fabric is usually sufficient to pass such burn tests as NFPA 701, MVSS 302, CAL 117, UFAC, ect.

#### Typical Properties

% Solids	43.0±2.0
PH	5 to 6
Odor	Mild Organic
Appearance	Clear colorless liquid
Specific gravity	1.27
Viscosity (cps)	<100
Gallon Weight	10.5 lbs/gallon
Solubility in water	Soluble

#### Application Methods

Application can be accomplished by any of the normal finishing operations, such as padding, spraying, or foaming. Drying should be carried out at temperatures below 275°F. Its use in coatings is possible. A suggested starting level is %30 flame-retardant solids on latex solids.

#### MARKET USES

- Textiles
- Mattress ticking
- Paper

#### Handling / Storage stability

*Quench™ NR* should be stored in a cool, dry area. Avoid freezing and high heat to retain a six-month shelf life.

#### Product Safety

When considering the use of **Ulterion International** products, please refer to the latest Material Safety Data Sheets (MSDS). If you require an MSDS for this product; please call (706) 654-2222 or your **Ulterion International Representative**.

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