



## FLAMEXX<sup>®</sup> SERIES

### MMS-A FLAME RETARDANT

|                              |   |                                    |
|------------------------------|---|------------------------------------|
| <b>Trade Names</b>           | MMS-A   |                                    |
| <b>Description</b>           | MMS-A flame retardant is a high purity water-soluble halogen and polymeric phosphorous flame retardant utilizing a synergistic blend for maximum effectiveness.   |                                    |
| <b>Applications</b>          | Originally formulated to treat artificial foliage, MMS-A flame retardant provides a highly effective solution to treating a wide variety of materials, including polyesters, poly/cotton blends, lycra blends, some coated textiles, artificial foliage, hay/straw, and similar hard to treat materials.  |                                    |
| <b>Benefits and Features</b> | MMS-A is a powerful broad-spectrum use flame retardant, providing superior flame extinguishing properties for a variety of materials with very low add on.  |                                    |
| <b>Typical Properties</b>    | Appearance<br>PH<br>Thermal Decomposition after dry   | Clear Liquid<br>6.5 – 7.2<br>160 C |
| <b>Usage Level</b>           | Add-on level of MMS-A flame retardant varies depending on the structure and weight of the material. Application may vary from 10% to 20% finished dry add-on weight.<br><br>MMS-A flame retardant may be applied to the material or textile by pad, spray, or brush. A wetting agent may be added to improve penetrations. Dry at temperature of 100C or lower. |                                    |
| <b>Flammability Testing</b>  | NFPA 701, CA 1237.1, ASTM E-84  |                                    |
| <b>Shipping Information</b>  | Non-hazardous material per DOT<br><br>Available in 1-gallon containers, 55 gallon drums or 5 gallon pails   |                                    |
| <b>Responsible Care</b>      | Turning Star, Inc. is committed to the safety and well-being of our customers, employees and the community. Refer to the material safety data sheet for specific safety, handling, and toxicity information.  |                                    |

The information presented herein is believed to be accurate and reliable, but is presented without guarantee or responsibility on the part of Turning Star, Inc. It is the responsibility of the users to comply with all applicable laws and regulations and to provide for a safe workplace. The user should consider any health or safety hazards information contained herein only as a guide, and should take those precautions which are necessary or prudent to instruct employees and to develop work practice procedures in order to promote a safe work environment. Further, nothing contained herein shall be taken as an inducement or recommendation to manufacture or use any of the herein materials or processes in violation of existing or future patents.

FIRE RETARDANT PRODUCTS • MANUFACTURING • APPLICATION

600 Willow Tree Road, Leonia, NJ 07605 • Tel. 201.881.7077 • Fax 201.331.6817 • Toll Free 877.849.3182 • [www.turningstar.com](http://www.turningstar.com)