



## Octoguard FR-11 DF

## Flame Retardant

CHEMICAL NAME

ratio: 1- antimony trioxide/ 1 - Halogen

PHYSICAL FORM:

Aqueous, anionic dispersion

### PRODUCT SPECIFICATIONS

### METHODS

Solids, %	66.3 – 68.3	WI-SCC-040
Viscosity, cps.	1000 - 10000	WI-VDC-070
pH	8.5 – 11.0	WI-PHC-010

### PRODUCT DESCRIPTION:

Octoguard FR-11 DF is an excellent and economical flame retardant dispersion generally compatible and intended for direct addition to water-based polymer compounds, latex adhesives, binders, coatings, and foams. This product is a decabromo-free and PBDE-free aqueous dispersion of a halogen and antimony trioxide. The product offers high flame retardant effectiveness, high purity, excellent heat stability, and low cost. In many cases, this product is an environmentally-friendly flame retardant and can be used as a direct replacement for antimony trioxide/decabromodiphenyl oxide dispersions. Octoguard FR-11 DF is a versatile flame retardant which allows for use on fabrics made from all common fibers and fiber blends. It is ideally suited for use on flocked fabrics. Normal use level is 5.0 - 15.0 parts per hundred on the dry weight of polymer; however, it is suggested that lab testing information be used for acceptable fire retardant performance levels.

All ingredients used to produce Octoguard are listed on the USA TSCA inventory, Canadian DSL, European EINECS, Japan ENCS, ISHL, Japanese METI, Australia AICS, Korea ECL, Switzerland Giftliste 1, Philippines PICCS, and the Chinese Inventory. The material is not WHMIS listed.

### STORAGE AND HANDLING:

Containers should be kept tightly closed; avoid direct sources of heat or sunlight when possible. Once a drum has been opened, it is important not to introduce bacteria into the drum. Make sure the part drum is used quickly and that all stock is rotated on a first-in, first-out basis. Protect from freezing. Store at 40 – 90 deg F. Contents should be stirred using mechanical agitation prior to use. Shelf life expected three months from date of manufacture provided the material is stored at proper temperatures and containers remain tightly closed

08/14

The information provided herein is believed to be reliable; however, no guarantees are made or liability assumed. Tiarco Chemical makes no claims or warranties concerning the suitability of the product for a particular use or purpose.