



Chemical Corporation

UNIPLEX FRP49 N-1 Flame Retardant Plasticizer

Overview Uniplex FRP49 N-1 is liquid brominated/chlorinated plasticizer useful in flexible PVC, EPDM, and TPO applications. The product is especially useful in wire and cable compounds.

The key performance features of Uniplex FRP49 N-1 include:

- Bromine/chlorine synergistic FR properties
- Improved low temperature brittleness properties
- Lower smoke properties than brominated phthalates

Typical Properties

Classification	Proprietary blend
Assay (%)	95 minimum
Physical form	Yellow liquid
Gardner Color	3 maximum
Water Content (%).....	0.1 maximum
Acidity (meq/100 grams sample)	0.05 maximum
Pour Point (°C)	- 30
Bromine Content (%).....	15
Chlorine Content (%).....	28
Flash point.....	> 510°F
Specific Gravity (25°C).....	1.310
Specific Gravity (50°C).....	1.285
Shipping.....	Not regulated by DOT
Storage	Store at ambient conditions

- Uniplex FRP N-1 may used in PVC, EPDM and TPO's as a flame retardant. Generally has lower smoke generation than conventional brominated phthalate plasticizers in ASTM E-662. It is compatible with brominated flame retardants, ATH, Magnesium Hydroxide, Phosphate flame retardants, and Zinc Borate.

Handling Information

Refer to the Material Safety Data Sheet (MSDS) available for information on the safe use, handling and disposal of this product.

Important Notice to Purchaser:

The seller makes no warranty, expressed or implied, concerning the accuracy of any results to be obtained from the use of this information and no warranty is expressed or implied concerning the use of these products other than indicated within. The buyer assumes all risks of use and/or handling. No statement is intended or should be construed as a recommendation to infringe any patent.