

Preact® BG, BG-F & BG-L

Triple Salt Flux



Description

Galvanizing:

Flux is used in the hot dip galvanizing process as the final preparation step before the raw steel is dipped in the galvanizing kettle. A properly formulated flux solution will remove any oxidation that formed after the pickling state and form a protective coating to protect against further oxidation before galvanizing. Venator MRD formulates our PREACT line of flux chemicals as a blend of zinc and ammonium chlorides. We offer double and triple salt formulations to meet our customer's specific galvanizing needs. Both products are available in granular or liquid form and can also be formulated to include a foaming agent to help reduce fuming. All of our PREACT products are manufactured at our ISO 9000:2015 certified production facility in Freeport, TX.

Preact BG provides a uniform, fast wetting surface which activates and disperses contaminants, drains rapidly, and promotes fast drying of the base metal during the prefluxing process. Use of Preact BG as a top flux produces a very fluid blanket that contacts work surfaces and activates them quickly, permitting easier work entry into the kettle. Use of Preact BG-F as a top flux decreases fuming by producing a foam blanket, which conserves ammonium chloride to provide long lasting activity and reduce zinc spatter.

Package Types

BG:

50# Bags (Powder or Nuggets)

BG-F:

50# Bags (Powder or Nuggets)

BG-L:

Bulk

3000# Totes

Shipping Location

302 Midway Road 5910

Freeport, TX 77542

979-233-8183 Phone

979-233-8388 Fax

Physical Properties

Specification

Preact® BG & BG-F (Granular & Nuggets)

Flux Ratio (Zinc Chloride to Amm. Chloride)	0.8 – 0.9
Ammonium Chloride Number (ACN)	1.11 - 1.25
Zinc Ammonium Chloride	98.0% maximum
pH (50% solution)	1.5 – 2.5
Iron (Fe)	< 100 ppm
Lead (Pb)	< 10 ppm
Cadmium (Cd)	< 10 ppm
Sulfates	< 0.1 Wt. %

Preact® BG-L

Flux Ratio (Zinc Chloride to Amm. Chloride)	0.8 – 0.85
Ammonium Chloride Number (ACN)	1.11-1.25
Total Actives	48 - 53 wt. %
Iron (Fe)	< 100 ppm
Lead (Pb)	< 10 ppm
Cadmium (Cd)	< 10 ppm
Sulfates	< 0.1 Wt. %

**Note: BG-F formulation includes foaming agent*