

IONOL® 175N

SYNONYM 2,6-Di-tertbutyl-4-metylphenol (BHT) y Butylhydroxyanisole (BHA) in refined **sunflower** vegetable oil.

CAS NUM. 128-37-0 / 25013-16-5.

PRODUCT DESCRIPTION

The IONOL® 175N inhibits the oxidative breakdown in fats and oils from feed products, working on the prevention of radical chain oxidation reactions. These reactions can lead to the polymerization of unsaturated fats and oils, or their dissociation. In the dissociation case, the resulting fragments are, among others, unsaturated aldehydes which are mainly responsible for the rancid taste of a compound feed. Additionally, these fragments attack vitamins and other fatty acids, like Vitamin E or EPA and DHA (Omega 3 FFAs), destroying them. The IONOL® 200N not only prevents the fat-containing raw materials from becoming rancid, it also protects the vitamins and polyunsaturated fatty acids, and therefore, protecting the quality and value of the final feed compound.

IONOL® 175N is a liquid and a highly active solution formulated with BHT y BHA as the active antioxidants ingredients. Food and Feed approved. The product contains a 17% of BHT (E321 – High Performance Antioxidant) together with a 5% of BHA (E320) in refined sunflower oil.

The recommended dose has been established in less than 1.5 – 2.0 kg of IONOL® 175N per 1 Tn of fish meal, animal fat or final compound feed. This product has a high performance and excellent treat cost for standard fish meal substrates with controlled metal content, for animal fat and greases, in pigment production, protein meals, finished pet food products and swine-cattle-cow-poultry compound feeds.

The product can also be used as a reminder or repetitive dose before shipping to ensure correct antioxidant level during transport.

IONOL® 175N has a 12 months shelf life and it is easy to handle.

PRODUCT SPECIFICATIONS

PROPERTIES	UNIT
Appearance	Yellow Liquid
Odor	Oily
Refractive Index	1.45 – 1.50
Viscosity (25°C)	50 – 90 cPs
Density (25°C)	0.90 – 0.95 g/mL

PACKAGING

- PE Drums 200 kg/drum & 80 PE drums/Marine Container (40 foot)
- IBCs 900 kg/IBCs & 18 IBC/Marine Container (20 foot)
- Bulk Aprox. 21.400 kg/container.