

BHT

INCI Name: BHT

Product Code: 0172

CAS #: 128-37-0

EINECS: 204-881-4

Brand: Distributed Products

BHT (Butylated hydroxytoluene) is a white solid of melting point 70°C with mild characteristic odor. It is readily fat-soluble and sparingly water soluble and is used primarily as an antioxidant additive, extending the shelf life of products with unsaturated (and especially polyunsaturated) fatty acid moieties.

Features & Benefits:

Anti-oxidant

Appearance (25°C)	White solid
Color (APHA = PtCo)	40 (molten)
Odor	Mild
Assay / Active Content (%)	99.5 (wt %)
Freezing Point (°C)	70
Density (g/cc)	1.01 (25°C)
Water [Moisture] (%)	<0.01
Flash Point (°C)	118 (closed cup)
Residue on Ignition (%)	<0.002
Vapor Pressure (mm Hg)	<0.01 (20°C)
Insoluble In	Propylene Glycol

Soluble In	Acetone Alcohol [Ethanol] Carthamus Tinctorius (Safflower) Seed Oil Glycine Soja (Soybean) Oil Isopropyl Alcohol Methyl Alcohol Vegetable Oil Water (hot) Zea Mays (Corn) Oil
Toxicology Profile	Acute Dermal Toxicity: >2 g/kg Acute Oral Toxicity: >2.93 g/kg (rat) Bioaccumulation Potential: Moderate to high in aquatic species Biodegradability: Poor (not readily) Ecotoxicity: Weakly water polluting Ingestion: Harmful if swallowed Ocular / Eye Irritation: May cause irritation Skin Irritation: May cause slight irritation Upper Respiratory Tract Irritation: May cause irritation
Packaging	Drum - 100lbs

Applications:

- After Sun Skin Care
- Antiperspirants
- Bar Soaps
- Beach Wear Sun Care
- Daily Wear Sun Care
- Deodorants
- Eye Area Color Cosmetics
- Facial Color Cosmetics
- Facial Skin Care
- Fragrances
- Hair Conditioners
- Hand & Body Care
- Lip Care
- Liquid Handsoaps
- Shampoos
- Shaving Products
- Shower Gels/Body Washes

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