

**Section 1: Identification**

**Product Name** Butylated Hydroxytoluene NF (BHT)  
**Commercial Name** IONOL CP  
**Product Use** Antioxidant, stabilizer and Application in the foundry, colour, varnish and electric industry.  
**Restrictions On Use** Not available.  
**Product Code** 30-1463  
**Company** PCCA  
9901 South Wilcrest  
Houston, TX 77099  
Phone: 1-800-331-2498  
Fax: 1-800-874-5760

In case of emergency contact:  
**CHEMTREC (24hr) 1-800-424-9300**

**Section 2: Hazard(s) Identification**

**OSHA Haz Com:** Acute aquatic toxicity (Category 1) Chronic aquatic toxicity (Category 1)  
**CFR 1910.1200**

**Signal Word** WARNING

**Hazard Statement(s)** Very toxic to aquatic life with long lasting effects.

**Pictogram(s) or Symbol(s)**



**Precautionary Statement(s):**

**Prevention** P273 Avoid release to the environment.  
**Response** P391 Collect spillage.  
**Storage** Not available.  
**Disposal** P501 Dispose of contents/container to an approved waste disposal plant.

**Section 3: Composition/Information on Ingredients**

**Substance/Mixture** Substance  
**Components** Butylated Hydroxytoluene  
**% By Weight** 100  
**CAS#** 128-37-0  
**Molecular Weight** 220.36 g/mole  
**Chemical Formula** C15-H24-O  
**Synonym(s)** 2,6-Di-tert-butyl-p-cresol BHT

Mixtures				
Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Butylated Hydroxytoluene	128-37-0	100	TWA: 10 CEIL: 20 (mg/m3) from ACGIH (TLV) [United States] [1995] TWA: 10 from NIOSH TWA: 10 (mg/m3)[Australia]	ORAL (LD50):Acute: 890mg/kg [Rat].650 mg/kg[Mouse]. 10700mg/kg [Guinea pig].



## Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Butylated Hydroxytoluene NF (BHT)

30-1463

### Section 4: First-Aid Measures

<b>Inhalation</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
<b>Skin Contact</b>	Wash off with soap and plenty of water. Consult a physician.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
<b>Symptoms/Effects</b>	
<b>Acute</b>	Not available.
<b>Delayed</b>	Not available.
<b>Immediate Medical Attention</b>	
Not available.	

### Section 5: Fire-Fighting Measures

#### Suitable Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### Unsuitable Extinguishing Media

Not available.

#### Products of Combustion

Carbon oxides

#### Firefighters Special Equipment and Precautions

Wear self contained breathing apparatus for fire fighting if necessary.

### Section 6: Accidental Release Measures

Personal precautions: Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust. Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Methods and materials for containment and cleaning up: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

### Section 7: Handling and Storage

Handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Storage: Keep container tightly closed in a dry and well-ventilated place.

### Section 8: Exposure Controls/Personal Protection

<b>Exposure Limits</b>	Not available
<b>Engineering Controls</b>	Not available.
<b>Personal Protection</b>	Respiratory protection: For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Hand protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Eye protection: Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin and body protection: Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	White. Solid.		
<b>Odor</b>	characteristic		
<b>Odor Threshold</b>	Not available.		
<b>Melting Point</b>	(°C) 69	<b>pH</b>	Not available.
<b>Freezing Point</b>	Not available.	<b>Vapor Pressure</b>	<0.1 (mm Hg @20 °C)
<b>Boiling Point/Range</b>	(°C) 265	<b>Vapor Density</b>	@25 °C 1.050
<b>Decomposition temperature</b>	Not available.	<b>Viscosity</b>	Not available.
<b>Partition Coefficient: n-octanol/water</b>	Not available.	<b>Evaporation Rate</b>	Not available.
<b>Flash Point</b>	(°F) Closed cup >200	<b>Autoignition temperature</b>	Not available.
<b>Flammability</b>	Not available.	<b>Flammability or Explosive Limits:</b>	
		<b>Lower</b>	Not available.
		<b>Upper</b>	Not available.
<b>Solubility(ies)</b>	Insoluble in water.		
<b>Other</b>	Not available.		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	Not available.
<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Hazardous Polymerization</b>	Not available
<b>Conditions to Avoid</b>	Not available.
<b>Incompatible Materials</b>	Acid chlorides, Acid anhydrides, Oxidizing agents, Bases, Brass, Copper
<b>Hazardous Decomposition Products</b>	Carbon oxides

**Section 11: Toxicological Information**

<b>RTECS</b>	GO7875000
<b>Acute Toxicity</b>	Harmful if swallowed. Oral LD50 LD50 Oral Oral - rat - 890.0 mg/kg Inhalation LC50 - no data available Dermal LD50 - no data available
<b>Skin Corrosion/Irritation</b>	Harmful if absorbed through skin Causes skin irritation.
<b>Serious Eye Damage/Irritation</b>	Causes eye irritation.
<b>Respiratory or Skin Sensitization</b>	May be harmful if inhaled. Causes respiratory tract irritation
<b>Germ Cell Mutagenicity</b>	Not available.
<b>Carcinogenicity</b>	Not available.
<b>Reproductive Toxicity</b>	Not available.
<b>Routes of Entry</b>	Inhalation. Ingestion. skin. Eyes.
<b>Symptoms Related to Exposure</b>	Not available.

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**Potential Health Effects**

Not available.

**Target Organ(s)**

Not available.

**Section 12: Ecological Information****Ecotoxicity**

Toxicity to fish LC50 - Oryzias latipes - 5.3 mg/l - 48 h Toxicity to daphnia EC50 - Daphnia pulex (Water flea) - 1.44 mg/l - 48 h and other aquatic invertebrates

**Persistence and Degradability**

Not available

**Bioaccumulative Potential**

Not available

**Mobility in Soil**

Not available

**Other Adverse Effects**

Toxic to aquatic life with long lasting effects.

**Section 13: Disposal Considerations****Waste Disposal**

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

**Disposal of Container**

Dispose of as unused product.

**Other Considerations**

Not available.

**Section 14: Transport Information****DOT Classification**

DOT (US) Not dangerous goods

**Section 15: Regulatory Information****Regulations**

OSHA Hazards Harmful by ingestion., Irritant SARA 302 Components SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards Acute Health Hazard Massachusetts Right To Know Components CAS-No. Revision Date 2,6-di-tert-Butyl-p-cresol 128-37-0 2007-03-01 Pennsylvania Right To Know Components CAS-No. Revision Date 2,6-di-tert-Butyl-p-cresol 128-37-0 2007-03-01 New Jersey Right To Know Components CAS-No. Revision Date 2,6-di-tert-Butyl-p-cresol 128-37-0 2007-03-01 California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**Other**

Not available.

**Section 16: Other Information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.