



Safety Data Sheet

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

Butylated Hydroxytoluene NF (BHT)

30-1463

Section 1: Identification

Product Name Butylated Hydroxytoluene NF (BHT)

Commercial Name IONOL CP

Product Use Manufacturer of substances

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: OSHA HAZARD Harmful by ignition; Irritant Acute aquatic toxicity (Category 1) Chronic aquatic toxicity
CFR 1910.1200 (Category 1)

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].

Section 4: First-Aid Measures

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

Exposure Limits	Not available
Engineering Controls	Not available.
Personal Protection	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

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

Section 10: Stability and Reactivity

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

Section 11: Toxicological Information**RTECS** GO7875000**Acute Toxicity**

Harmful if swallowed. Oral LD50 LD50 Oral Oral - rat - 890.0 mg/kg Inhalation LC50 - no data available Dermal LD50 - no data available

Skin Corrosion/Irritation

Harmful if absorbed through skin Causes skin irritation.

Serious Eye Damage/Irritation

Causes eye irritation.

Respiratory or Skin Sensitization

May be harmful if inhaled. Causes respiratory tract irritation

Germ Cell Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive Toxicity

Not available.

Routes of Entry

Inhalation. Ingestion. skin. Eyes.

Symptoms Related to Exposure

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.