



**HARWICK**  
S T A N D A R D

*Safety Data Sheet*  
*ANTIOXIDANT 103*  
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## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### **PRODUCT IDENTIFIER: ANTIOXIDANT 103**

#### Other means of identification

**Chemical name:** 2,6-Di-tert-butyl-4-(dimethylaminomethyl)phenol

**Recommended use and restrictions on use:** Antioxidant

#### Supplier information:

##### Manufactured for and supplied by:

**Supplier:** Harwick Standard Distribution Corporation

**Supplier Address:** 60 S. Seiberling Street, Akron, OH 44305

**Contact:** Health, Safety & Environment

**Telephone:** 330-798-9300

**Website:** [www.harwickstandard.com](http://www.harwickstandard.com)

## SECTION 2 – HAZARD(S) IDENTIFICATION

#### Classification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS):

Acute Toxicity (Oral), Category 4

Eye Irritation, Category 2A

#### GHS Label Elements

##### Hazard symbol:



**Signal word:** Warning

##### Hazard statements:

Harmful if swallowed

Causes serious eye irritation

##### Precautionary Statements:

Wash skin thoroughly after handling.

Do not eat, drink or smoke when using this product.

Wear protective gloves/eye protection/face protection.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.



**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Dispose of contents/container to waste treatment in accordance with local/regional/national/international regulations.

**Hazard(s) not otherwise classified (HNOC):** None known.

### SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

**Substance/Mixture:** Substance

<u>Components Chemical Identity</u>	<u>CAS Number</u>
2,6-Di-t-butyl-dimethylamino-p-cresol	88-27-7

### SECTION 4 – FIRST AID MEASURES

**Inhalation:** If inhaled, move person to fresh air. If not breathing, give artificial respiration. Consult a physician.

**Ingestion:** If swallowed, never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**Skin contact:** Wash 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.

**Most important symptoms/effects, acute and delayed:**

No further relevant information available.

**Indication of immediate medical attention and special treatment needed:**

No further relevant information available.

### SECTION 5 – FIRE FIGHTING MEASURES

**Suitable extinguishing method:**

In case of fire, use water spray, alcohol resistant foam, dry chemical or carbon dioxide (CO<sub>2</sub>).

**Specific hazards arising from chemical:**

Carbon oxides. Nitrogen oxides (No<sub>x</sub>)

**Special firefighting equipment and precautions for firefighters:**

Wear self-contained breathing apparatus for firefighting if necessary.



## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### **Personal precautions, protective equipment and emergency procedures:**

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust. For personal protection see Section 8.

### **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.

### **Environmental precautions:**

Do not let the product enter drains.

## SECTION 7 - HANDLING AND STORAGE

### **Precautions for safe handling:**

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

### **Conditions for safe storage, including any incompatibilities:**

Keep container tightly closed in a dry well-ventilated place.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Occupational Exposure Limits:**

### **Components with limit values that require monitoring at the workplace:**

Contains no substances with occupational exposure limit values.

### **Exposure Controls:**

#### **Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### **Individual protection measures, such as personal protective equipment:**

**Eye/face protection:** Safety glasses with side-shields.

**Skin/Hand protection:** Impervious gloves.  
Check protective gloves prior to each use for their proper condition  
The selection of suitable gloves not only depends on the material, but also on the quality. Quality will vary from manufacturer to manufacturer.



**Body protection:** Protective work clothing selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection:** Use suitable respirator when high concentrations are present.

## SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance:</b>	White to pale yellow powder
<b>Odor:</b>	No data available
<b>Odor Threshold:</b>	No data available
<b>pH:</b>	No data available
<b>Boiling Point/Boiling Range:</b>	No data available
<b>Melting Point/Melting Range:</b>	93-94°C (199-201°F)
<b>Flash Point (°C):</b>	No data available
<b>Flammability (solid/gaseous):</b>	No data available
<b>Decomposition Temperature:</b>	No data available
<b>Auto-ignition Temperature:</b>	No data available
<b>Explosive Properties:</b>	No data available
<b>Explosion Limits:</b>	
<b>Lower:</b>	No data available
<b>Upper:</b>	No data available
<b>Relative Density (Specific Gravity):</b>	No data available
<b>Vapor Pressure:</b>	No data available
<b>Vapor Density:</b>	No data available
<b>Solubility:</b>	Insoluble in water
<b>Evaporation Rate:</b>	No data available
<b>Partition Coefficient: (n-octanol/water)</b>	No data available
<b>Viscosity:</b>	No data available

## SECTION 10 - STABILITY & REACTIVITY

**Reactivity:**  
No data available.

**Chemical stability:**  
Material is stable under recommended storage conditions.

**Possibility of hazardous reactions:**  
No dangerous reactions known.

**Conditions to avoid:**



No data available.

**Incompatible materials:**

Oxidizing agents.

**Hazardous decomposition products:**

Carbon oxides. Nitrogen oxides.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**Acute Toxicity:**

LD50 Oral (Rat)- 1,030 mg/kg

Inhalation: No data available

Dermal: No data available

**Skin Irritation or Corrosion:**

No data available

**Eye Irritation or Corrosion:**

No data available

**Respiratory or Skin Sensitization:**

No data available

**Germ cell Mutagenicity:**

No data available

**Carcinogenicity:**

**IARC:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**NTP:** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**OSHA:** No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**Reproductive/Developmental Toxicity:**

No data available

**Specific target organ system toxicity-repeated exposure:**

No data available

**Specific target organ system toxicity-single exposure:**

No data available



**Aspiration hazard:**

No data available

**Additional toxicological information:** To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

**SECTION 12 - ECOLOGICAL INFORMATION**

**Aquatic Toxicity:**

No data available

**Persistence and degradability:**

No data available

**Bioaccumulative potential:**

No data available

**Mobility in soil:**

No data available

**Other adverse effects:** No further relevant information available.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

**Disposal instructions:**

**Product:** Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging:** Disposal of as unused product according to official regulations.

**SECTION 14 - TRANSPORTATION INFORMATION**

**U.S. DOT:** Not regulated.

**IMDG:** Not a dangerous good.

**IATA:** Not a dangerous good.

**SECTION 15 - REGULATORY INFORMATION**

**U.S.:**

**TSCA Inventory Status:** Listed as Active.



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**SARA 313-Toxic Chemicals:** Substance is not listed.

**California Proposition 65:** This product does not contain any chemicals known to the State of California to cause cancer, birth defects or any other reproductive harm.

#### SECTION 16 - OTHER INFORMATION

**Issue date:** 09-09-2015

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**Version #:** 02

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