

**section 1 – Preparation / Product Information**

**manufactured for and supplied by:** **Harwick Standard Distribution Corporation**  
**60 South Seiberling Street**  
**P.O. Box 9360**  
**Akron, OH 44305-0360**

**telephone no:** **(330) 798-9300**

**date prepared:** September 3, 2003

**preparer:** **Health, Safety & Environment**

**product use:** Antioxidant

**section 2 – Ingredients / Identity Information**

components chemical identity/cas#	exposure limits			Toxicity LD50/LC50	amount %
	PEL	TLV	OTHER		
Styrenated Phenol CAS# mixture	Not Established			LD50 rat/oral 2,500mg/kg	60-70
Silica, hydrated Amorphous CAS# 112926-00-8					20-40

**section 3 – Physical / Chemical Characteristics**

<b>boiling point:</b>	Not Determined	<b>specific gravity:</b>	Not Determined
<b>freezing point:</b>	Not Determined	<b>pH:</b>	Not Determined
<b>vapor pressure (mm Hg):</b>	Not Determined	<b>odor threshold (ppm):</b>	Not Determined
<b>vapor density (AIR=1):</b>	Not Determined	<b>coef. water/oil dist.:</b>	Not Determined
<b>solubility in water</b>	Insoluble	<b>evaporation rate:</b>	Low
<b>appearance (physical state) and odor:</b>		Powder	
		Odor; Phenolic	

**section 4 – Fire and Explosion Hazard Data**

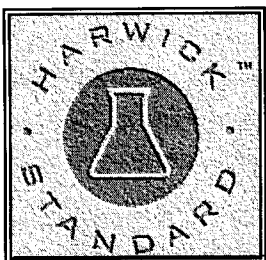
**flash point (method):** Not Applicable

**extinguishing media:** CO<sub>2</sub>, Dry chemical, foam, or water spray (fog).

**special fire fighting procedures:** Self contained breathing apparatus.

The information and recommendations contained herein are based upon data that are believed to be accurate and reliable. Application and performance information are provided only as a guide, since the conditions of use are beyond the control of Harwick Standard Distribution Corporation. Consequently, Harwick Standard makes no warranties, express or implied, with respect to the goods or use of the goods or the performance of the goods and makes no warranties of fitness for a particular purpose or merchantability. Buyer acknowledges that Harwick Standard will not be liable for consequential, incidental, direct or special damages arising, directly or indirectly, in respect to such goods or the use or failure thereof, whether based on breach of warranty, negligence, strict liability in tort or otherwise.





**chronic:** Repeated and prolonged inhalation of dust in excess of respirable dust levels may lead to a benign pneumoconiosis (dust in the lungs). This condition may cause some impairment of lung function, which may be reversible with reduced exposure.

***carcinogenicity***

**NTP**       **IARC**       **OSHA**

**signs and symptoms of exposure:** See Health Hazards above.

**medical conditions generally aggravated by exposure:** None Known

**hmis rating:** 1

**section 7 – First Aid Measures**

***emergency and first aid procedures***

**inhalation:** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.

**ingestion:** Consult a physician.

**skin contact:** Wash with soap and water. If irritation develops, consult a physician.

**eye contact:** Flush with water for 15 minutes. If irritation develops, consult a physician.

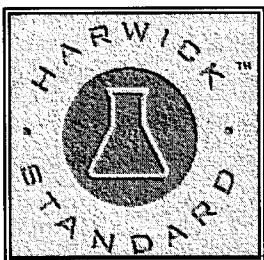
**section 8 – Precautions for Safe Handling and Use**

**steps to be taken in case material is released or spilled:** Shovel, sweep, or vacuum into secure containers for proper disposal.

**waste disposal method:** In accordance with federal, state, and local regulations. Refer to Section 10.

**precautions to be taken in handling and storing:** Store in dry, well-ventilated area. Keep away from heat and sources of ignition. Handle in accordance with good industrial hygiene and safety procedures. Avoid

The information and recommendations contained herein are based upon data that are believed to be accurate and reliable. Application and performance information are provided only as a guide, since the conditions of use are beyond the control of Harwick Standard Distribution Corporation. Consequently, Harwick Standard makes no warranties, express or implied, with respect to the goods or use of the goods or the performance of the goods and makes no warranties of fitness for a particular purpose or merchantability. Buyer acknowledges that Harwick Standard will not be liable for consequential, incidental, direct or special damages arising, directly or indirectly, in respect to such goods or the use or failure thereof, whether based on breach of warranty, negligence, strict liability in tort or otherwise.



generating dust. Take precautionary measures against static discharge during blending and transfer operations. Under dusty conditions, static electricity may cause an explosion.

**other precautions:** Avoid contact with skin.

## section 9 – Control Measures

**respiratory protection (specify type):** A NIOSH/MSHA approved respirator above PEL or TLV or as necessary to minimize vapor exposure.

### *ventilation*

**local exhaust:** Recommended to maintain PEL/TLV and vapors/mists.  
**mechanical (general):** Recommended to maintain PEL/TLV and vapors/mists.

**protective gloves:** Neoprene or rubber gloves.

**eye protection:** Safety glasses

**other protective clothing or equipment:** Eyewash station.

**work/hygienic practices:** Wash thoroughly before eating and smoking.

## section 10 – Additional Information

**special shipping information:** Not Available

**TSCA Inventory Status:**  
Chemical components are listed on the TSCA inventory.

### **sara title III**

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:

None known

The information and recommendations contained herein are based upon data that are believed to be accurate and reliable. Application and performance information are provided only as a guide, since the conditions of use are beyond the control of Harwick Standard Distribution Corporation. Consequently, Harwick Standard makes no warranties, express or implied, with respect to the goods or use of the goods or the performance of the goods and makes no warranties of fitness for a particular purpose or merchantability. Buyer acknowledges that Harwick Standard will not be liable for consequential, incidental, direct or special damages arising, directly or indirectly, in respect to such goods or the use or failure thereof, whether based on breach of warranty, negligence, strict liability in tort or otherwise.