

### 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# 61788-44-1	Not Established			LD50 rat/oral 2,500mg/kg	90-100
Styrene CAS# 100-42-5					<0.10
Phenol CAS# 108-95-2					<1

### section 3 – Physical / Chemical Characteristics

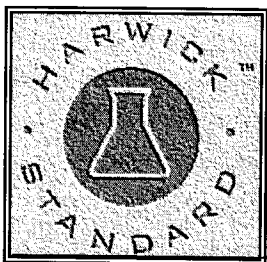
<b>boiling point:</b>	450°F	<b>specific gravity:</b>	Not Determined
<b>freezing point:</b>	Not Determined	<b>pH:</b>	Not Determined
<b>vapor pressure (mm Hg):</b>	Not Determined	<b>odor threshold (ppm):</b>	Not Determined
<b>vapor density (AIR=1):</b>	Not Determined	<b>coef. water/oil dist.:</b>	Not Determined
<b>solubility in water</b>	Insoluble	<b>evaporation rate:</b>	Not Determined
<b>appearance (physical state) and odor:</b>		Viscous Liquid; clear, straw Odor; Phenolic	

### section 4 – Fire and Explosion Hazard Data

**flash point (method):** >333°F

**extinguishing media:** CO<sub>2</sub>, Dry chemical, foam.

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.



**special fire fighting procedures:** Wear self-contained breathing apparatus and protective clothing.  
Cool containers exposed to fire with water.

**unusual fire and explosion hazards:** Emits acrid fumes and/or smoke.

**hmis rating:** 1

**hazardous combustion products:** CO<sub>x</sub>

### section 5 – Reactivity Data

**stability**                      **stable:**       
   **unstable:**  

**conditions to avoid (cond. of reactivity):**                      None under normal conditions.

**incompatibility (materials to avoid):**                              None Known

**hazardous decomposition or byproducts:**                      CO<sub>x</sub>, Phenolic type compounds. Normal hydrocarbon  
combustion products expected.

**hazardous polymerization**                      may occur:       
   will not occur:

**conditions to avoid:**    None known

**hmis rating:** 0

### section 6 – Health Hazard Data

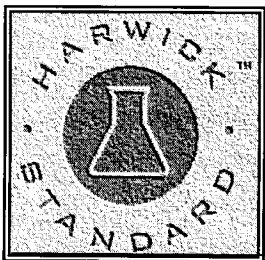
#### *primary routes of exposure*

**inhalation**                                            **skin contact**                                            **eye contact**                        
**skin absorption**                                            **ingestion**                     

#### *health hazards*

**acute:**                      Prolonged skin contact may cause transient irritation.

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:** Styrene has been determined to cause cancer in laboratory animals. The concentration of the residual reactant is less than 0.1 %. At this concentration, this product is not regulated as a potential carcinogen by the OSHA Hazard Communication Standard or the WHMIS legislation.

**carcinogenicity**

NTP

IARC

OSHA

**signs and symptoms of exposure:** None Known

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

**hmis rating:** 0

**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:** Remove contaminated clothing. Wash skin 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**

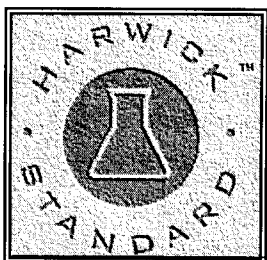
**released or spilled:** Ventilate area. Absorb with appropriate material. Sweep or shovel spill into appropriate container for disposal. Do not discharge into drains or the environment.

**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, cool, well-ventilated area. Keep away from heat and sources of ignition. Handle in accordance with good industrial hygiene and safety procedures. Avoid prolonged breathing of vapor. Avoid prolonged and repeated skin contact.

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.



**other precautions:** Avoid contact with eyes, skin, and clothing.

### 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. Faceshield if splashing is likely.

**work/hygienic practices:** Wash thoroughly after handling. Launder contaminated clothing before reuse.

### section 10 – Additional Information

**special shipping information:** None Known

**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

#### **RCRA status**

The following chemical components are listed under (40 CFR 261):

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.