

section 1 – Preparation / Product Information

manufactured for and supplied by:	telephone no:	(330) 798-9300
Harwick Standard Distribution Corporation	date prepared:	December 8, 2000
60 South Seiberling Street	preparer:	Health, Safety & Environment
P.O. Box 9360	product use:	Antioxidant
Akron, OH 44305-0360		

section 2 – Ingredients / Identity Information

components chemical identity/cas#	exposure limits			Toxicity LD50/LC50	amount %
	PEL	TLV	OTHER		
Mixed diaryl-p-phenylenediamine CAS# 68478-4-5	Not Established			LD50 rat/oral 7,500mg/kg	90-100
o-Toluidine CAS# 95-53-4	5ppm(skin)	2ppm(skin)			<.1

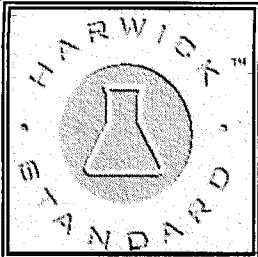
section 3 – Physical / Chemical Characteristics

boiling point:	Not Determined	specific gravity:	Not Determined
freezing point:	Not Determined	pH:	Not Determined
vapor pressure (mm Hg):	Not Determined	odor threshold (ppm):	Not Determined
vapor density (AIR=1):	Not Determined	coef. water/oil dist.:	Not Determined
solubility in water	Insoluble	evaporation rate:	Not Determined
appearance (physical state) and odor:		Flakes	
		Odor; None	

section 4 – Fire and Explosion Hazard Data

flash point (method):	Not Applicable
extinguishing media:	CO ₂ , Dry chemical, foam, or water spray.

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NTP anticipated **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. Use personal protective equipment.

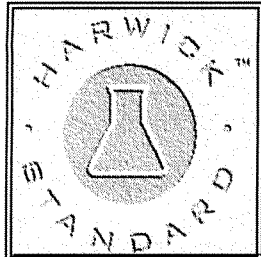
waste disposal method: In accordance with federal, state, and local regulations. Refer to Section 10.

precautions to be taken in handling and storing: Use adequate ventilation. Store away from sources of direct heat and open flame. Keep containers closed when not in use.

other precautions: Avoid contact with skin.

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section 9 – Control Measures

respiratory protection (specify type): necessary.	A NIOSH/MSHA approved respirator above PEL or TLV or as necessary.
ventilation	
local exhaust:	Recommended to minimize exposure.
mechanical (general):	Recommended to minimize exposure.
protective gloves:	Impervious
eye protection:	Safety glasses or goggles
other protective clothing or equipment:	Eyewash station, long sleeves
work/hygienic practices:	Wash thoroughly before eating or smoking.

section 10 – Additional Information

special shipping information:	None
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

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