

section 1 – Preparation / Product Information

manufactured for and supplied by:	telephone no:	(330) 798-9300
Harwick Standard Distribution Corporation 60 South Seiberling Street P.O. Box 9360 Akron, OH 44305-0360	date prepared:	May 18, 2000
	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		
4-methyl-2,6-di-t-butyl-phenol CAS# 128-37-0	10mg/m ³	10mg/m ³			90-100

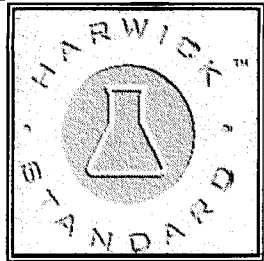
section 3 – Physical / Chemical Characteristics

boiling point:	@760 mm Hg 509°F	specific gravity:	.899
melting point:	157°F	pH:	Not Determined
vapor pressure (mm Hg):	Not Determined	odor threshold (ppm):	Not Determined
vapor density (AIR=1):	7.6	coef. water/oil dist.:	Not Determined
solubility in water	Insoluble	evaporation rate:	Not Determined
appearance (physical state) and odor:		Solid; White Odor; Faint	

section 4 – Fire and Explosion Hazard Data

flash point (method):	>260°F
extinguishing media:	Use CO ₂ , foam, water, and dry chemical.
special fire fighting procedures:	Wear self-contained breathing apparatus and protective clothing Move exposed containers from fire area if possible. Use water to keep fire exposed containers cool.

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unusual fire and explosion hazards: Contact w/ strong oxidizers may cause fire. Closed containers may explode due to pressure build up when exposed to extreme heat.

hmis rating: 1

hazardous combustion products: CO_x

section 5 – Reactivity Data

stability
stable:
unstable:

conditions to avoid (cond. of reactivity): None Known

incompatibility (materials to avoid): Oxidizing agents and strong acids.

hazardous decomposition or byproducts: CO_x

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 <input checked="" type="checkbox"/>	skin contact <input checked="" type="checkbox"/>	eye contact <input checked="" type="checkbox"/>
skin absorption <input type="checkbox"/>	ingestion <input type="checkbox"/>	

health hazards

May cause eye, skin and respiratory tract irritation. Ingestion of very large quantities may cause diarrhea, respiratory depression, tremors, and chronic pulmonary edema or congestion and hemorrhage

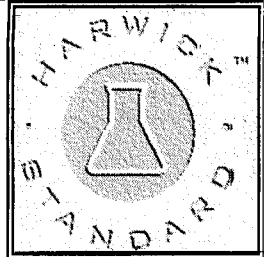
acute: None Known

chronic: None Known

carcinogenicity

NTP **IARC** **OSHA**

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signs and symptoms of exposure: See health hazards.

medical conditions generally aggravated by exposure: None Known

hmis rating: 1

section 7 – First Aid Measures

emergency and first aid procedures

inhalation: Remove from exposure.. Allow the victim to rest in a well-ventilated area. Consult a physician.

ingestion: Do not induce vomiting immediately. If victim is conscious, give 2 to 4 glasses of water or milk, and induce vomiting. Consult a physician immediately.

skin contact: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation develops, consult a physician.

eye contact: Flush with large quantities of 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:

Provide ventilation. Wear proper OSHA protective equipment. Sweep up spilled material with a minimum of dusting or vacuum with a filtered outlet vacuuming system. Place the resulting waste in a suitable container for reuse or disposal.

waste disposal method:

In accordance with federal, state, and local regulations. Refer to Section 10.

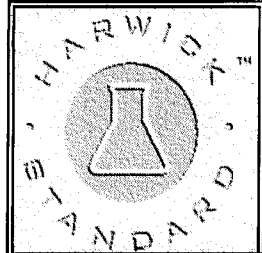
precautions to be taken in handling and storing:

Store in a cool, dry, well ventilated storage area. Do not store near oxidizing agents or strong acids.

other precautions:

Avoid contact with eyes, skin, and clothing

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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 for dusty conditions.

other protective clothing or equipment: Eyewash station, rubber apron

work/hygienic practices: drinking, or using rest room. Wash thoroughly after handling and before eating,

section 10 – Additional Information

special shipping information: Not DOT Regulated

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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