

section 1 – Preparation / Product Information

manufactured for and supplied by:	telephone no:	(330) 798-9300
Harwick Standard Distribution Corporation	date prepared:	August 7, 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		
Tetrakis(methylene(3,5-DiTert-Butyl-4-hydroxyphenyl)Propionate) Methane CAS# 6683-19-8	Not Established			LD50 rat/oral >5,000mg/kg	40-50
Tris (2,4-di-tert-butyl phenyl) Phosphite CAS# 31570-04-4				LD50 rat/oral 2000mg/kg	40-50

section 3 – Physical / Chemical Characteristics

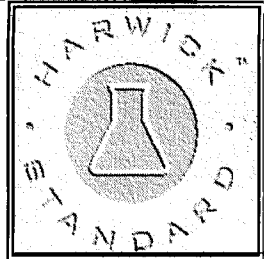
boiling point:	Not Determined	specific gravity:	Not Available
melting point:	Not Determined	pH:	Not Determined
vapor pressure (mm Hg):	Not Determined	odor threshold (ppm):	Not Determined
vapor density (AIR=1):	Not Determined	coef. water/oil dist.:	Not Determined
solubility in water	Slightly soluble	evaporation rate:	Not Determined
appearance (physical state) and odor:		Solid; White to Off-White Odor; Odorless	

section 4 – Fire and Explosion Hazard Data

flash point (method): Not Determined

extinguishing media: Use CO₂, foam, water, and dry chemical.

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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.

unusual fire and explosion hazards: Heavy dusting conditions may cause explosion hazard. Care should be taken to avoid dust generation during handling. May be combustible at high temperatures.

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): Strong oxidizing agents and 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"/>		

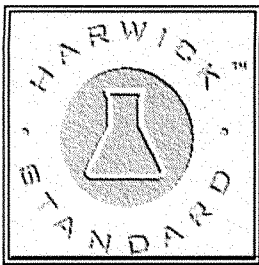
health hazards

acute: Contact with eyes and skin may cause irritation. Excessive inhalation can cause irritation of nasal and respiratory passage.

chronic: None Known

carcinogenicity

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

ingestion: Consult a physician.

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: Rinse with large quantities of water for several 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: 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.

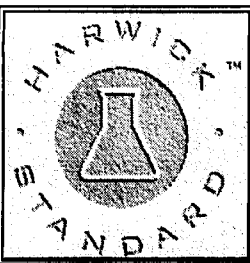
waste disposal method: In accordance with federal, state, and local regulations. Refer to Section 10.

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. Do not generate dust. Dust may cause explosion hazard.

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

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section 9 – Control Measures

respiratory protection (specify type): 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: Wash thoroughly after handling and before eating, drinking, or using rest room.

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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