

(in compliance with 29 CFR 1910.1200) identity: Stangard™ 10 MDZG

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section 1 — Preparation / Product Information

manufactured for and supplied by: telephone no:

(330) 798-9300

Harwick Standard Distribution

date prepared:

December 8, 2000

Corporation

preparer:

Health, Safety & Environment

P.O. Box 9360

Akron, OH 44305-0360

60 South Seiberling Street

product use:

Antioxidant

section 2- Ingredients / Identity Information

components	exposure limits			Toxicity	amount	
chemical identity/cas#	PEL	TLV	OTHER	LD50/LC50	<u></u> %	
Mixed diaryl-p-phenylenediamine CAS# 68478-4-5	Not Established	d		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:

freezing point:

vapor pressure (mm Hg):

vapor density (AIR=1):

solubility in water

appearance (physical state)

Not Determined

Not Determined

Insoluble

appearance (physical state) and odor:

specific gravity: pH:

Not Determined Not Determined Not Determined

coef. water/oil dist.: evaporation rate:

odor threshold (ppm):

Not Determined Not Determined

Flakes

Odor; None

section 4 — Fire and Explosion Hazard Data

flash point (method):

Not Applicable

extinguishing media:

CO₂, Dry chemical, foam, or water spray.

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1 1-3										
special fire f	e fighting procedures: An app				proved, self-contained breathing apparatus should be worn.					
unusual fire vith air.	and ex	kplosion haza	rds: Em	its a	crid fumes and/or si	moke. Dust i	may form e	explosive n	nixture	
nmis rating:	1		1							
		tion product	s: CO	_x , N	D _x					
section 5 – I	Reactiv	rity Data								
stability		stable: unstable:								
conditions to avoid (cond. of reactivity): None Known										
ncompatibility (materials to avoid): nazardous decomposition or byproducts:				None Known CO _x , NO _x						
may occur: will not occur:					□ r: ☑					
conditions t	o avoid	i:		-	None known					
nmis rating:	0									
agerini i i	Harolist.	Hazard Data			The straightful free straight			100		
primary rou										
nhalation skin absorpt	tion	_ □	skin conta ingestion		_ 	eye conta	ct			
health haza	rds									
acute: skin reaction	Produc	ct may irritate t	the eyes, sk	kin,	and respiratory syste	em. Product	may also o	cause an a	llergic	
chronic:	None I	Known								
Carcinogeni	<i>icity:</i> o	-Toluidine								

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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

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

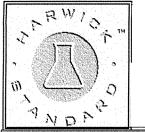
and open flame. Keep containers closed when not in use.

other precautions:

Avoid contact with skin.

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section 9 — Control Measures

respiratory protection (specify type):

A NIOSH/MSHA approved respirator above PEL or TLV or as

necessary.

ventilation

local exhaust: mechanical (general): Recommended to minimize exposure. 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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