

material safety data sheet (in compliance with 29 CFR 1910.1200)

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SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: MERROL® 3810

Manufactured for and supplied by:

Harwick Standard Distribution Corporation

60 South Seiberling Street

P.O. Box 9360

Akron, Ohio 44305-0360

Telephone #:

330-798-9300 Date prepared: July 7, 2009

Preparer:

Health, Safety & Environment

Product Use:

Rubber Additive

SECTION 2 - COMPOSITION	/ INFORMATION OF	N INGREDIENTS		
Components Chemical Identity	CAS Number	LD50 (mg/kg) of Ingredient	LC50 (mg/kg) of Ingredient	%
Triethylene Glycol	Proprietary			90-100

SECTION 3 - HAZARD(S) IDENTIFICATION

Primary routes of exposure:

inhalation **☑**

skin contact ☑

eve contact

ingestion

Emergency Overview:

tract if inhaled.

Contact with eyes & skin may cause irritation. May cause irritation to respiratory

Potential Health Effects: Liquid or vapors may irritate the eyes. Inhalation of vapors or mists of the product may be irritating to the respiratory system.

SECTION 4 - FIRST AID MEASURES

inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.

If material is swallowed get medical attention or advise. Do not induce vomiting. Consult a Ingestion: physician.

Skin contact: Flush with large amounts of soap and water. If irritation develops, consult a physician.

Eye contact: Flush with water for 15 minutes while holding eyelids open for 15 minutes. If irritation develops, consult a physician.

SECTION 5 – FIRE FIGHTING MEASURES

Flash point (method):

>201°F/94°C

Extinguishing media:

Dry Chemical, CO₂, foam or water fog.



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Special fire fighting procedures:

Wear self-contained breathing apparatus and protective clothing.

Unusual fire and explosion hazards:

None known

Hazardous combustion products:

None known

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak & Spill Procedure: Do not touch or walk through spilled material. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean up. LARGE SPILLS: Dike far ahead of liquid spill for later disposal. SMALL SPILLS: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. Wash thoroughly after handling.

Store in a dry area. Keep the container in a well-ventilated place. KEEP FROM FREEZING. Keep Storage: away from heat.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

Respiratory protection (specify type): A NIOSH/MSHA approved respirator above PEL or TLV, and/or an organic vapor respirator for vapors or mists.

Ventilation:

local exhaust:

Recommended to minimize exposure.

mechanical (general):

Recommended to minimize exposure.

Protective gloves: Impervious

Eye protection:

Wear safety glasses; Chemical goggles (if splashing is possible).

Other protective clothing or equipment: Eye wash fountain and emergency showers are recommened.

Work/hygienic practices: Wash thoroughly before eating, drinking, or smoking. Use adequate ventilation.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Boiling point:	Not available	Specific gravity:	0.968 g/ml @ 15°C
Freezing point:	7°F	pH:	Not available
Vapor pressure (mm Hg):	Not available	Odor threshold (ppm):	Not available
Vapor density (AIR=1):	Not available	Coefficient of water/oil distribution:	Not available
Solubility in water:	Not available	Evaporation rate:	Slower than ethyl ether
Appearance/Physical state:	Clear	Odor:	Not available



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Form:	Liquid		Color:		Yellow	1	
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SECTION 10 - ST	ABILITY & REA	CTIVITY		in the second of			
Stability	stable:		Basa Basa Iliin 40 <u>cii</u> n b y 1 Europy ye.	<u> </u>			
Stability	unstable:						
	unstabici						
Conditions to av	oid (cond. of re	activity):	None known				
	··· (··-	,,					
Incompatibility (materials to av	oid):	Strong oxidizing a	gents, a	nd strong alk	alies.	
-	-	-		•	•		
Hazardous decoi	mposition or by	products:	None known				
Hazardous polyn	nerization	may occur:					
		will not occur:	: ☑				
Conditions to av	oid: None l	known					
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•		•	tract irritation. Inh		•	•	oduct
may be irritating to	the respiratory s	system. Ingesti	ion of large amount	t may pro	oduce gastroir	ntestinal	
disturbances includ	ling irritation, nau	isea, and diarrh	nea.				
			· E				
Chronic: . Prol	onged or excessiv	e skin contact	with this product m	nay cause	e mild skin irri	tation.	
Carcinogenicity		<u>·</u>		_		_	
NTP	IARC		OSHA		ACGIH		
	* . *						
Reproductive to		ailable.					erik Tilan yanga
SECTION 12 - EC		ORMATION	والموافقة والمراب الماسانية والمساورة	and the second			ing the second s
Aquatic Toxicity:	Not available.						
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SECTION 13 - DI	SPOSAL CONSI		and the second second second second	ate condition where			100 22 25
Waste disposal n	nethod:	In accordance	with federal, state	, and loca	al regulations		
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SECTION 14 - TR	ANSPORTATIO	NINFORMAT	ION - His a series in the	indinandina.	allipar remo condi	Suatu <mark>án e</mark> rdek énde	alika (Richia)
Special shipping	information:	Not determine	ed.		····		
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SECTION 15 - RE	GULATORY INF	ORMATION	Control of the contro				The second secon
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Chemical compone		he TSCA invent	tory.				

SARA 313

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.



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SARA Sections 311 & 312

Superfund Amendments & Reauthorization Act of 1986 Title III: None known.

RCRA status

The following chemical components are listed under (40 CFR 261): None known

FDA Status 21 CFR: Regulated for Use under the following 21 CFR sections:

177.2600 (c)(4)(IV) - Rubber Articles Intended For Repeated Use.

HMIS Classification:

HEALTH

1, FLAMMABILITY

1, REACTIVITY

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SECTION 16 - OTHER INFORMATION

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.

Harwick Standard Distribution Corporation

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