



section 1 – Preparation / Product Information

manufactured for and supplied by:	telephone no: (330) 798-9300
Harwick Standard Distribution Corporation	date prepared: July 8, 1998
60 South Seiberling Street	preparer: Health, Safety & Environment
P.O. Box 9360	product use: Surfactant
Akron, OH 44305-0360	

section 2 – Ingredients / Identity Information

components chemical identity/cas#	exposure limits			toxicity LD50/LC50	amount %
	PEL	TLV	OTHER		
Polyethylene Glycol Monococoate CAS #61791-29-5	Not Established				50-60
Polyethylene Glycol Dicoate CAS #68139-91-3	Not Established				20-30
Polyethylene Glycol CAS #25322-68-3	Not Established				10-20
Coco fatty acid CAS #61788-47-4	Not Established				1-5

section 3 – Physical / Chemical Characteristics

boiling point:	Not Available	specific gravity:	1.03 @ 25°C
freezing point:	Not Available	pH:	5 (5% solution)
vapor pressure (mm Hg):	Not Available	odor threshold (ppm):	Not Available
vapor density (AIR=1):	Not Available	coef. water/oil dist.:	Not Available
solubility in water	Dispersible	evaporation rate:	Not Applicable
appearance (physical state) and odor:		Liquid; Yellow	
		Odor; Mild fatty	

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section 4 – Fire and Explosion Hazard Data

flash point (method): 252°C (COC)

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

special fire fighting procedures: Wear self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.

unusual fire and explosion hazards: Products of combustion are toxic. Treat as hot oil or fat. If water must be used, use a fog nozzle to avoid spattering of hot material and spread of burning liquid.

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, acids or bases.

hazardous decomposition or byproducts: CO_x

hazardous polymerization may occur:
 will not occur:

conditions to avoid: None known

hmis rating: 0

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section 6 – Health Hazard Data

primary routes of exposure

inhalation **skin contact** **eye contact**
skin absorption **ingestion**

health hazards

acute: None known

chronic: None known

carcinogenicity

NTP **IARC** **OSHA**

signs and symptoms of exposure: None known

medical conditions generally aggravated by exposure: None known

hmis rating: 0

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: Immediately flush with water for 15 minutes. If irritation develops, consult a physician.

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Section 8 – Precautions for Safe Handling and Use

steps to be taken in case material is released or spilled:

Dike and contain spill with inert material (sand, earth, etc.). Transfer the liquid and solid separately to containers for recovery or disposal. Keep spill out of sewers and open bodies of water.

waste disposal method:

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

precautions to be taken in handling and storing:

To maintain product quality, do not store in heat or direct sunlight. Keep containers closed until used.

other precautions:

Avoid contact with eyes, skin, and clothing.

Section 9 – Control Measures

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:
mechanical (general):**

Recommended to maintain PEL/TLV and vapors/mists.
Recommended to maintain PEL/TLV and vapors/mists.

protective gloves:

Rubber or neoprene Type

eye protection:

Chemical goggles

other protective clothing or equipment:

Eyewash station and safety shower. Other protective clothing (long sleeves, coveralls, or other, as appropriate) when needed to prevent skin contact.

work/hygienic practices:

Wash thoroughly after handling

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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

California Proposition 65:
Components present in this material which the State California has found to cause cancer, birth defects or other reproductive harm are as follows:

Acetaldehyde

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