

Section 1 - Manufacturer / Product Information

manufactured for and supplied by: **Telephone no:** (330) 798-9300
Harwick Standard Distribution Corporation
60 South Seiberling Street **Date prepared:** November 26, 2002
P.O. Box 9360 **Preparer:** Health, Safety & Environment
Akron, OH 44305-0360 **Product use:** Rubber Additive

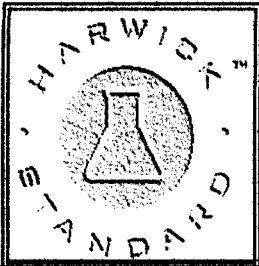
Section 2 - Composition / Analytical Information

components chemical identity/cas#	exposure limits			Toxicity LD50/LC50	amount %
	PEL	TLV	OTHER		
Dodecanoic Acid CAS #143-07-7	Not Established			LD50 rat/oral >2,000 mg/kg	90-100
Decanoic Acid CAS #334-48-5	Not Established				0.1-1
Tetradecanoic Acid CAS #544-63-8	Not Established				0.1-1

Section 3 - Physical / Chemical Characteristics

boiling point: 570° F (299° C) **specific gravity:** 0.848
freezing point: 111° F (44° C) **pH:** 1-6
vapor pressure (mm Hg): 0.1 **odor threshold (ppm):** Not Determined
vapor density (AIR=1): Not Determined **coef. water/oil dist.:** Not Determined
solubility in water: Slightly soluble in cold water **evaporation rate:** < 1
appearance (physical state) and odor: Solid; Waxy solid or flake
Odor; slight coconut

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primary routes of exposure

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

health hazards

acute: May cause eye irritation. Non-irritant for skin.
chronic: None Known

carcinogenicity

NTP **IARC** **OSHA**

signs and symptoms of exposure: See Health Hazards above.

medical conditions generally aggravated by exposure: None Known

hmis rating: 2

emergency and first aid procedures

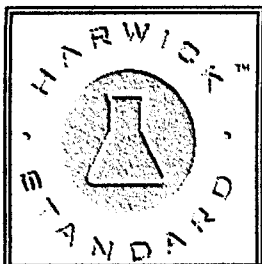
inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.

ingestion: Do not induce vomiting. If affected person is conscious give plenty of water to drink. If vomiting occurs, keep head below the hips to reduce the risks of aspiration. Give victim water again. Consult a physician.

skin contact: Wash with soap and water. If irritation develops, consult a physician.

eye contact: Flush with water for 15 minutes. Check for and remove any contact lenses. Do not let victim rub eye(s). If irritation develops, consult a physician.

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Physical and Chemical Properties

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

Isolate spill area and restrict non-essential personnel from area. Wear suitable protective clothing and eye/face protection. Stop leak if without risk. For small and large spills add absorbent (soil may be used in the absence of other suitable materials) and use a non-sparking or explosion proof means to transfer material to a sealed, appropriate container for disposal. Dike large spills. Flush residual spill (area) with large amount of water. Do not allow to enter drains or watercourses.

waste disposal method:

In accordance with federal, state, and local regulations. Refer to Section 10. Containers should be cleaned of residual product before disposal. Empty containers should be disposed of in accordance with all applicable laws and regulations.

precautions to be taken in handling and storing:

Wear suitable protective clothing and eye/face protection. Avoid contact with skin and eyes. Wash thoroughly after handling. Empty containers retain product residue and can be hazardous. Follow all warnings and precautions even after container is emptied. Store in tightly closed container. Store in a cool, well-ventilated area away from incompatible materials and ignition sources. Do not store above 48.88° C. Exercise due caution to prevent damage to or leakage from the container.

other precautions:

Keep container tightly closed until ready for use. Wash thoroughly after handling. Do not reuse containers.

Personal Protective Equipment

respiratory protection (specify type):

organic vapor respirator for hot rubber fumes.

A NIOSH/MSHA approved respirator above PEL, and/or an

ventilation

**local exhaust:
mechanical (general):**

Recommended to minimize exposure.
Recommended to minimize exposure.

protective gloves:

Impervious

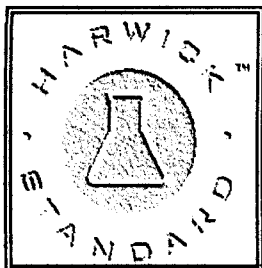
eye protection:

Safety glasses

other protective clothing or equipment:

Eyewash station and safety shower, face-shield, boots

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work/hygienic practices:

Wash thoroughly after handling

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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