



section 1 – Preparation / Product Information

manufactured for and supplied by:	telephone no: (330) 798-9300
Harwick Standard Distribution Corporation 60 South Seiberling Street P.O. Box 9360 Akron, OH 44305-0360	date prepared: April 12, 2000
	preparer: Health, Safety & Environment
	product use: Plasticizer

section 2 – Ingredients / Identity Information

components chemical identity/cas#	Exposure limits			Toxicity LD50/LC50	amount %
	PEL	TLV	OTHER		
Mix of phthalate ester, adipate, Sebecate and polymeric plasticizers CAS # Mixture	*5mg/m ³	*5mg/m ³			90-100

* PEL & TLV for similar phthalate esters.

section 3 – Physical / Chemical Characteristics

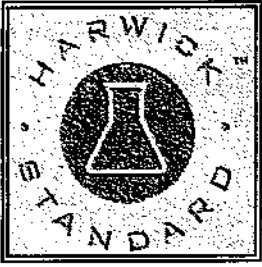
Boiling point:	Not Determined	specific gravity:	.90 – 1.0
Freezing point:	Not Determined	pH:	Not Applicable
Vapor pressure (mm Hg):	Negligible	odor threshold (ppm):	Not Determined
Vapor density (AIR=1):	Not Determined	coef. water/oil dist.:	Not Determined
Solubility in water	Negligible	evaporation rate:	Not Determined
Appearance (physical state) and odor:		Liquid; Clear Odor; Mild	

section 4 – Fire and Explosion Hazard Data

flash point (method): > 400°F (COC)

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

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.



special fire fighting procedures: Wear self-contained breathing apparatus and protective clothing.
Use cold water spray to cool fire-exposed containers.

unusual fire and explosion hazards: The use of water to extinguish fire may cause frothing.

hmis rating: 1

hazardous combustion products: CO_x and organic acids

section 5 – Reactivity Data

stability **stable:**
 unstable:

conditions to avoid (cond. of reactivity): None known

incompatibility (materials to avoid): Oxidizers

hazardous decomposition or byproducts: CO_x and organic acids

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 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

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.



acute: May cause mild eye irritation if exposed to liquid, mist or vapor. May cause mild skin irritation. May cause irritation to the upper respiratory tract if product is heated, misted or sprayed and concentrations exceed the recommended exposure limit. Ingestion may cause nausea, vomiting, and diarrhea.

chronic: None known

carcinogenicity

NTP

IARC

OSHA

signs and symptoms of exposure: See Health Hazards above.

medical conditions generally aggravated by exposure: Individuals with chronic respiratory disorders may be adversely affected by any fume or airborne particulate matter exposure. Persons with preexisting skin disorders may be more susceptible to the effects of this material.

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.

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.



section 8 – Precautions for Safe Handling and Use

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

Avoid excessive breathing of fumes. Dike spill to prevent entry into sewers or waterways. Absorb spill with sand, vermiculite or other non-biodegradable absorbent. Clean up spill and place in labeled containers for disposal.

waste disposal method:

In accordance with federal, state, and local regulations. Refer to Section 10.

precautions to be taken in handling and storing:

and sources of ignition.

Avoid any unnecessary contact or handling. Avoid excessive heat

other precautions:

Avoid contact with eyes, skin, and clothing.

section 9 – Control Measures

respiratory protection (specify type):

necessary.

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

ventilation

local exhaust: mechanical (general):

Recommended to control emission of air contaminants.
Recommended to assist in minimizing exposure.

protective gloves:

Impervious

eye protection:

Chemical safety goggles

other protective clothing or equipment:

Eyewash station and safety shower

work/hygienic practices:

Wash thoroughly after handling

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.



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

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.