



section 1 – Preparation / Product Information

manufactured for and supplied by: **telephone no:** (330) 798-9300
Harwick Standard Distribution Corporation
60 South Seiberling Street **date prepared:** July 29, 1996
P.O. Box 9360 **preparer:** Health, Safety & Environment
Akron, OH 44305-0360 **product use:** Plasticizer

section 2 – Ingredients / Identity Information

components chemical identity/cas#	exposure limits			toxicity LD50/LC50	amount %
	PEL	TLV	OTHER		
Dipropylene glycol dibenzoate CAS #27138-31-4	Not Established			LD50 rat/oral 9,800 mg/kg	40-50
Diethylene glycol dibenzoate CAS #120-55-8	Not Established			LD50 rat/oral 2,830 mg/kg	40-50

section 3 – Physical / Chemical Characteristics

boiling point: 455°F (235°C) @ 5mm Hg **specific gravity:** 1.15
freezing point: 32°F (0°C) **pH:** Not Applicable
vapor pressure (mm Hg): < 1 **odor threshold (ppm):** Not Determined
vapor density (AIR=1): 11.3 **coef. water/oil dist.:** Not Determined
solubility in water: Negligible **evaporation rate:** Not Determined
appearance (physical state) and odor: Liquid; Colorless to straw colored
Odor; Faint aromatic

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 4 – Fire and Explosion Hazard Data

- flash point (method):** >300°F (TCC)
- extinguishing media:** Use water foam, CO₂, or dry chemical.
- special fire fighting procedures:** Wear self-contained breathing apparatus and protective clothing. Water can be used to cool a fire, but for extinguishment, foam or dry chemical are preferred. Avoid spreading liquid and fire by water flooding. Use water to keep containers cool.
- unusual fire and explosion hazards:** None known
- 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 oxidizers agents
- hazardous decomposition or byproducts:** CO_x
- hazardous polymerization**
 - may occur:
 - will not occur:
- conditions to avoid:** None known
- hmis rating:** 0

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 6 – Health Hazard Data

primary routes of exposure

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

health hazards

acute: May cause mild eye and skin irritation. Inhalation of concentrated vapor may cause irritation to the nose and throat.

chronic: Prolonged or repeated contact may cause defatting of the skin.

carcinogenicity

NTP **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: Immediately 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:

Remove source of ignition and provide adequate ventilation. Dike to prevent entry into sewers and waterways. Recover free product, if possible. Cover spill with inert, non-combustible absorbent material and remove to disposal container. Report spill as per regulatory requirements. Leaking drum should be emptied or placed into an oversized (recovery) drum.

waste disposal method:

Section X.

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

precautions to be taken in handling and storing:

Store as NFPA Class IIIB liquids. Keep fire and sparks away from drums. Since empty containers retain product residue, do not cut, drill, grind, or weld on or near the container until it is thoroughly cleaned. Isolate, vent, drain, wash and purge systems or equipment before maintenance or repair. Remove all ignition sources. Check atmosphere for explosiveness and oxygen deficiencies. Use adequate personal protective equipment. Comply with regulations governing confined space entry.

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.

A NIOSH/MSHA approved respirator above PEL or TLV,

ventilation

local exhaust:

Recommended to maintain PEL/TLV and vapor/mists.

mechanical (general):

Recommended to maintain PEL/TLV and vapor/mists.

protective gloves:

Impervious

eye protection:

Chemical goggles

other protective clothing or equipment:

Coveralls, apron, boots, faceshield as necessary to prevent skin contact. Eyewash station and safety shower should be easily accessible.

Coveralls, apron, boots, faceshield as necessary to

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.



work/hygienic practices:

Wash thoroughly after handling

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.