

**section 1 – Preparation / Product Information**

**manufactured for and supplied by:** **Harwick Standard Distribution Corporation**  
**60 South Seiberling Street**  
**P.O. Box 9360**  
**Akron, OH 44305-0360**

**telephone no:** **(330) 798-9300**

**date prepared:** March 23, 1998

**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		
Mixture of: N-Ethyl-o-Toluenesulfonamide & N-Ethyl-p-Toluenesulfonamide CAS #1077-56-1 & 80-39-7	Not Established				90-100

**section 3 – Physical / Chemical Characteristics**

<b>boiling point:</b>	196°C @ 10mm Hg	<b>specific gravity:</b>	1.19
<b>freezing point:</b>	Not Determined	<b>pH:</b>	7-9
<b>vapor pressure (mm Hg):</b>	10 @ 196°C	<b>odor threshold (ppm):</b>	Not Determined
<b>vapor density (AIR=1):</b>	Not Determined	<b>coef. water/oil dist.:</b>	Not Determined
<b>solubility in water</b>	Practically insoluble	<b>evaporation rate:</b>	< 1
<b>appearance (physical state) and odor:</b>			Liquid; Clear yellow viscous Odor; None

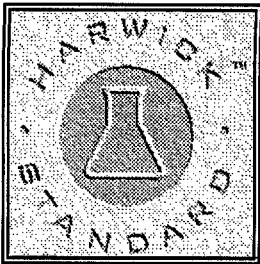
**section 4 – Fire and Explosion Hazard Data**

**flash point (method):** 345°F/174°C (COC)

**extinguishing media:** Use water spray or fog, foam, CO<sub>2</sub>, 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.





**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

**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.

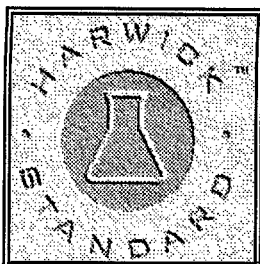
**section 8 – Precautions for Safe Handling and Use**

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

Land Spill: Evacuate area of nonessential personnel. Ventilate area as required. Prevent spill from entering drinking water supplies or streams. Place in container for reuse or disposal. Water Spill: Remove product layered on water by mechanical means. Place spill in appropriate container for disposal in approved facilities.

**waste disposal method:** In accordance with federal, state, and local regulations. Refer to Section X.

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.



**precautions to be taken in handling and storing:**  
closed.

Store in cool, dry, and well-ventilated area. Keep container closed.

**other precautions:**

Avoid contact with eyes, skin, and clothing.

### section 9 – Control Measures

**respiratory protection (specify type):**  
and/or an organic vapor respirator for vapors or mists.

A NIOSH/MSHA approved respirator above PEL or TLV,

#### *ventilation*

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

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

**work/hygienic practices:**

Wash thoroughly after handling. Do not breathe vapors or ingest. Do not eat, drink, or smoke in work areas.

### section 10 – Additional Information

**special shipping information:**

Not DOT Regulated

**TSCA Inventory Status:**

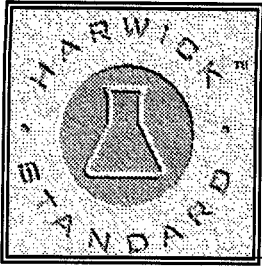
Chemical components are listed on the TSCA inventory.

#### **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

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.



**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.