

**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:** October 4, 2000

**preparer:** **Health, Safety & Environment**

**product use:** Process Oil

**section 2– Ingredients / Identity Information**

components chemical identity/cas#	exposure limits			toxicity LD50/LC50	amount %
	PEL	TLV	OTHER		
Severely Hydrotreated Heavy Naphthenic Distillate CAS #64742-52-5	*5mg/m <sup>3</sup>	*5mg/m <sup>3</sup>	*10mg/m <sup>3</sup> STEL		90-100

\* PEL & TLV for oil mist, mineral.

**section 3 – Physical / Chemical Characteristics**

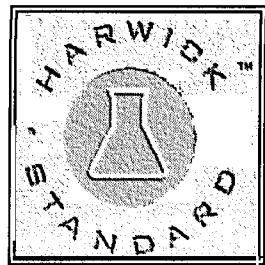
<b>boiling point:</b>	450°F	<b>specific gravity:</b>	Approx. 0.93
<b>freezing point:</b>	Not Applicable	<b>pH:</b>	Not Applicable
<b>vapor pressure (mm Hg):</b>	(@ 70°F) < 0.1	<b>odor threshold (ppm):</b>	Not Determined
<b>vapor density (AIR=1):</b>	> 10	<b>coef. water/oil dist.:</b>	Not Determined
<b>solubility in water</b>	Negligible	<b>evaporation rate:</b>	Negligible
<b>appearance (physical state) and odor:</b>			Amber to Dark Amber-Colored Liquid; Lube Oil Odor

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

**flash point (method):** Approximately 380°F (D-92)

**extinguishing media:** Foam and water fog are effective but may cause frothing.

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

**unusual fire and explosion hazards:** Slightly combustible. OSHA/NFPA Class III-B. Combustible liquid. When heated above its flash point, this material will release flammable vapors which can burn in the open or be explosive in confined spaces if exposed to an ignition source. Mists or sprays may be flammable below the normal flash point. Keep away from extreme heat and open flame.

**hmis rating:** 1

**hazardous combustion products:** CO<sub>x</sub>

**section 5 – Reactivity Data**

**stability**                    **stable:**       
   **unstable:**  

**conditions to avoid (cond. of reactivity):** Extreme heat and open flame.

**incompatibility (materials to avoid):** Strong acids, alkalis, and oxidizers such as oxygen and liquid chlorine.

**hazardous decomposition or byproducts:** CO<sub>x</sub>

**hazardous polymerization**            may occur:     
   will not occur:

**conditions to avoid:** None known

**hmis rating:** 0

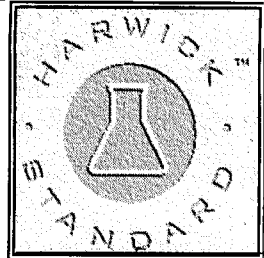
**section 6 – Health Hazard Data**

**primary routes of exposure**

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

**health hazards**

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**acute:** Prolonged and repeated skin contact with similar materials has produced mild irritation and inflammation.

**chronic:** None known

***carcinogenicity***

**NTP**

**IARC**

**OSHA**

**signs and symptoms of exposure:** Skin irritation and inflammation

**medical conditions generally aggravated by exposure:** Personnel with pre-existing skin disorders should avoid contact with this product.

**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:** If more than 4 oz. Is swallowed, give water to drink, induce vomiting and get medical attention.

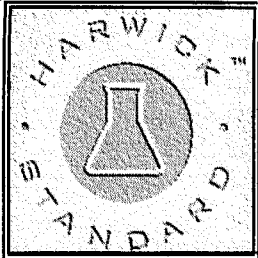
**skin contact:** Remove by wiping. Wash with soap and water. If irritation develops, consult a physician.

**eye contact:** Flush with water for 15 minutes. If irritation develops, consult a physician.

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

**steps to be taken in case material is released or spilled:** Contain spill and prevent from entering water bodies. Evacuate non-essential personnel due to slipping hazards. In natural environments, cleanup on advice from ecologists. Material will float on water. Absorbent materials and pads can be used. Spills may need to be reported to the

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National Response Center (800-424-8802). The spilled material and any soil or water which it has contacted may be hazardous to animal/aquatic life.

**waste disposal method:** In accordance with federal, state, and local regulations. Refer to Section 10. Maximize product recovery for reuse or recycling. Conditions of use may cause this material to become a hazardous waste as defined by state or federal laws. Potential treatment and disposal methods include land farming, incineration, and land disposal, if permitted.

**precautions to be taken in handling and storing:** To avoid product degradation, water contamination should be avoided and minimum feasible handling temperatures should be maintained. Periods of exposure to high temperatures (>200°F) should be minimized. Product degradation might increase health hazard risks.

**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 or as necessary.

#### **ventilation**

**local exhaust:** Adequate to maintain exposure below specified limits.  
**mechanical (general):** Adequate to maintain exposure below specified limits.

**protective gloves:** Impervious

**eye protection:** Safety glasses

**other protective clothing or equipment:** Eyewash station. Faceshield if splashing is likely.

**work/hygienic practices:** Wash thoroughly after handling

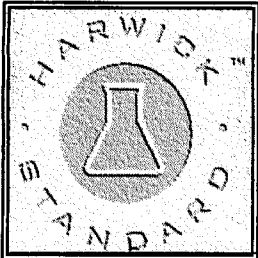
### section 10 – Additional Information

**special shipping information:** Not Available

#### **TSCA Inventory Status:**

Chemical components are listed on the TSCA inventory.

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**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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