

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: August 15, 1997

preparer: **Health, Safety & Environment**

product use: Rubber Additive

section 2 – Ingredients / Identity Information

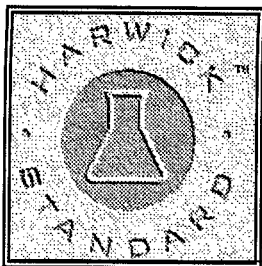
components chemical identity/cas#	exposure limits			toxicity LD50/LC50	amount %
	PEL	TLV	OTHER		
Solvent-Dewaxed Heavy Paraffinic Distillate (Petroleum) CAS #64742-65-0	*5mg/m ³	*5mg/m ³			90-100
Solvent-Dewaxed Residual Oil (Petroleum) CAS #64742-62-7	*5mg/m ³	*5mg/m ³			0-10
Severely Hydrotreated Residual Oil (Petroleum) CAS #64742-57-0	*5mg/m ³	*5mg/m ³			0-10

* PE: & TLV for oil mist, mineral & severely refined mineral.

section 3 – Physical / Chemical Characteristics

boiling point:	>675°F	specific gravity:	0.87-0.90
freezing point:	Not Applicable	pH:	Not Applicable
vapor pressure (mm Hg):	< 0.1 @ 70°F	odor threshold (ppm):	Not Determined
vapor density (AIR=1):	> 10	coef. water/oil dist.:	Not Determined
solubility in water	Negligible	evaporation rate:	Not Determined
appearance (physical state) and odor:		Liquid; Amber Odor; Lube Oil	

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section 4 – Fire and Explosion Hazard Data

flash point (method): ~480°F (D-92)

extinguishing media: CO₂, dry chemical, and inert gas (Halon/N₂). Foam and water fog are effective but may cause frothing.

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. Flammable vapors can burn or explode to an ignition source. Burning liquid will float on water.

hmis rating: 1

hazardous combustion products: CO_x

section 5 – Reactivity Data

stability **stable:**
 unstable:

conditions to avoid (cond. of reactivity): Heat and open flames

incompatibility (materials to avoid): Strong oxidizers, acids, and alkalis.

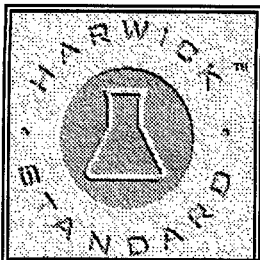
hazardous decomposition or byproducts: CO_x

hazardous polymerization may occur:
 will not occur:

conditions to avoid: None known

hmis rating: 0

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section 6 – Health Hazard Data

primary routes of exposure

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

health hazards

acute: None known

chronic: May cause mild skin irritation and inflammation following extended contact.

carcinogenicity

NTP **IARC** **OSHA**

signs and symptoms of exposure: See Health Hazards above.

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

hmis rating: 0

section 7 – First Aid Measures

emergency and first aid procedures

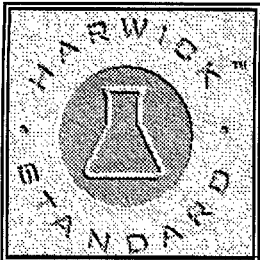
inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.

ingestion: Consult a physician.

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

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

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section 8 – Precautions for Safe Handling and Use

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

Contain spill and prevent it from entering all water bodies. If possible, safely stop flow of spill. Use absorbent material and pads to collect small spills. Spills may need to be reported to the National Response Center (800-424-8801). The spilled material and 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 X.

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 temperature (> 200°F) should be minimized. Product degradation may increase health hazard risks.

other precautions:

Avoid contact with eyes, skin, and clothing. Avoid breathing vapors or mists.

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.

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

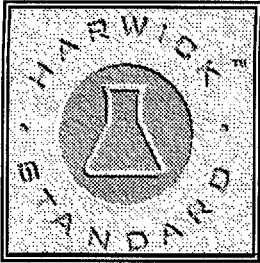
other protective clothing or equipment:

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 and before eating, drinking, smoking, or use of toilet facilities. Do not use gasoline, solvents, kerosene, or abrasive skin

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cleaners for washing exposed skin areas. Take a shower after work if general contact occurs. Remove oil-soaked clothing and launder before reuse. Launder or discard contaminated leather gloves and shoes.

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

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