



# VANISHING OIL

## MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard (29CFR 1910.1200)

Manufactured For: RAMCO SPECIALTY PRODUCTS, Inc. ♦ 5956 State Road ♦ Bakersfield, CA 93308-3022  
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### SECTION I – PRODUCT IDENTIFICATION

PRODUCT NAME	<b>VANISHING OIL</b>	PROPER SHIPPING NAME	<b>Kerosene</b>
PRODUCT NUMBER	<b>7078</b>	DATE PREPARED	<b>02/19/2004</b>
PRODUCT DESCRIPTION	<b>Vanishing Lubricant</b>	PREPARED BY	<b>WARREN SQUYRES</b>
Information Phone	<b>(800) 334-7071</b>	24-Hour Emergency Phone No.	<b>(800) 255-3924</b>

### NFPA – HMIS CODES

Health	<b>0</b>	Flammability	<b>2</b>	Corrosive	<b>0</b>	Reactivity	<b>0</b>	Personal Protection	<b>C</b>
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### SECTION II – MATERIAL IDENTIFICATION AND INFORMATION

Description	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	CARCINOGEN	Wt %
Aliphatic Petroleum Distillates	64742-96-7	NO	N/E	N/E	NO	100

Please note that the chemical identity of some or all of the above hazardous ingredients is confidential information and may be withheld as permitted by 29CFR 1910.1200 and various State Right to Know Laws.

**WARNING:** This product contains the following substance(s) known to the State of California to cause cancer – BENZENE.

**WARNING:** This product contains the following substance(s) known to the State of California to cause reproductive harm – BENZENE, TOLUENE.

### SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Initial Boiling Point, °F</b>	350.0°F (176.6°C) @ 760 mmHg	<b>Evaporation Rate (n-Bu-Ac=1.0)</b>	>200.00
<b>Vapor Pressure for Product</b>	.010 mmHg @ 100.00°F	<b>Liquid Density</b>	6.700 Lbs/Gal @ 60.00°F
<b>Vapor Density for Product (Air = 1.0)</b>	5.900		.804 Kg/L @ 16°C
<b>Specific Gravity (H2O=1 @ 60°F)</b>	.804	<b>Viscosity, Typical (cp)</b>	N/E
<b>VOC (Grams/Liter @ 25°C)</b>	804.000	<b>Appearance and Color</b>	Clear and Colorless
<b>Volatiles, % by Volume @ 100°C</b>	100	<b>Odor</b>	Kerosene
<b>Total VOC %</b>	100	<b>Water Solubility (Wt %)</b>	N/E

The above data are appropriate or typical values and should not be used for precise design purposes.

### SECTION IV – FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (ASTM D92) TCC</b>	140°F (60.0°C)
<b>Auto Ignition Temperatures</b>	N/E
<b>Flammability Limits in Air</b>	
<b>Lower Explosive Limit Estimated</b>	.9
<b>Upper Explosive Limit Estimated</b>	.0
<b>Extinguishing Media</b>	Use Water Fog, Foam, Dry Chemical or CO2.
<b>Unusual Fire and Explosion Hazards</b>	Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.
<b>Special Fire Fighting Procedures</b>	Do not enter confined fire space without proper protective equipment including NIOSH approved self-contained breathing apparatus. A straight water stream would spread hydrocarbon flames.



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## SECTION V – HEALTH HAZARD DATA AND EMERGENCY FIRST AID PROCEDURES

ENTRY ROUTES	ADVERSE/CHRONIC EFFECTS	FIRST AID PROCEDURES
<b>EYES</b>	May cause eye irritation.	Immediately flush eyes with large amounts of water for at least 15 minutes while lifting upper and lower lids open. Get medical attention if irritation persists.
<b>INGESTION</b>	Can cause irritation of the stomach and digestive tract. Aspiration hazard. May cause vomiting and digestive upset.	DO NOT INDUCE VOMITING. SEND TO A HOSPITAL IMMEDIATELY. If victim is conscious and alert, give milk or water to drink.
<b>INHALATION</b>	May cause respiratory tract irritation.	Remove to fresh air immediately. If victim is not breathing, immediately begin artificial respiration. If loss of consciousness, give victim oxygen. Get prompt medical attention.
<b>SKIN</b>	Prolonged or repeated contact may cause dermatitis and skin damage. Repetitive prolonged exposure may cause skin cancer hazard based on tests with laboratory animals.	In case of skin contact, remove contaminated clothing. Wash exposed area with soap and water. Get medical attention if irritation persists. Launder or dry-clean clothing before reuse.
<b>MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE</b>		Pre-existing skin disorders and respiratory disease

## SECTION VI – REACTIVITY DATA

<b>STABILITY</b>	Stable – Containers may burst at elevated temperatures. Avoid heat, flames, sparks, & other sources of ignition
<b>HAZARDOUS POLYMERIZATION</b>	Will not occur – No conditions known.
<b>INCOMPATIBILITY</b>	Strong Oxidizing Agents
<b>HAZARDOUS DECOMPOSITION</b>	Carbon dioxide and carbon monoxide, various hydrocarbons

## SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

<b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED</b> – Remove all possible sources of ignition. Ventilate the area of spill or leak. For small quantities, absorb on paper towels. Evaporate in a safe place (such as a fume hood). Burn paper in a suitable location away from combustible materials. Large quantities can be collected and atomized in a suitable combustion chamber. Product should not be allowed to enter a confined space, such as a sewer, because of the possibility of explosion.	
<b>WASTE DISPOSAL</b>	Empty containers can have residues, gases and mists and are subject to proper waste disposal. Disposal of all wastes in compliance with Federal, State, and Local laws.
<b>HANDLING &amp; STORAGE</b>	Keep away from heat, sparks, open flames, oxidizing agents, strong acids and alkylene oxides.
<b>OTHER PRECAUTIONS</b>	KEEP OUT OF REACH OF CHILDREN. Read and follow label directions. For Industrial/Institutional use only.
<b>"EMPTY" CONTAINERS</b>	"EMPTY" containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove. "Empty" drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

## SECTION VIII – CONTROL MEASURES

<b>RESPIRATORY PROTECTION</b>	Use NIOSH Approved respirator, organic respirator as required to prevent overexposure by inhalation if needed.
<b>VENTILATION</b>	Need equivalent to outdoor ventilation. Use explosion proof equipment.
<b>PROTECTIVE GLOVES</b>	Use chemical resistant gloves to avoid prolonged or repeated skin contact.
<b>EYE PROTECTION</b>	Use chemical proof splash goggles or face shield to prevent eye contact.
<b>OTHER PROTECTIVE CLOTHING/EQUIPMENT</b>	Lab coat or protective clothing/equipment.
<b>WORK HYGIENIC PRACTICES</b>	Avoid prolonged or repeated breathing of vapors. Use only with adequate ventilation. Do not take internally. Do not eat or smoke in work areas. Employees must practice good personal hygiene; washing exposed areas of skin several times daily and before eating, drinking or smoking. Launder contaminated clothing before reuse. Remove contaminated shoes and thoroughly clean before reuse; discard if oil-soaked.

## SECTION IX – TRANSPORTATION DATA

<b>PROPER SHIPPING NAME</b>	<b>Kerosene</b>
<b>DOT ID NUMBER</b>	<b>UN1223</b>
<b>DOT HAZARD CLASS</b>	<b>Combustible Liquid, PG III</b>

The information and recommendations set forth herein are presented in good faith and believed to be correct and reliable. RAMCO SPECIALTY PRODUCTS, Inc. makes no representation as to the completeness or accuracy thereof and supplies information upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to use.