

Material Safety Data Sheet

Identity (As Used on Label and List) Orange Oil Furniture Polish	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Section I

Manufacturer's Name Howard Products, Inc.	Emergency Telephone Number Chemtrec (800)- 424-9300
Address (Number, Street, City, State, and ZIP Code) 560 Linne Road	Telephone Number for Information (805) 227-1000
Paso Robles, CA 93446	Date Prepared 8/11/88 7th Rev. 03/23/04
	Signature of Preparer (Optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% (optional)
Petroleum Distillate CAS# 64742-54-7	100 ppm			<10
Oil Mist, if generated CAS# 8012-95-1	5mg/m ³			

Section III - Physical/Chemical Characteristics

Boiling Point	>400°F	Specific Gravity (H ₂ O = 1)	.864
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	<1
Solubility in Water	Negligible	Water Reactive	No
Appearance and Odor	Clear orange liquid - orange smell		

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	158°F TCC	Flammable Limits in air % by volume	LEL	UEL
Extinguishing Media	Foam, CO ₂ Dry Chemical or water Fog.			
Special Fire Fighting Procedures	Water spray may be useful to cool containers, but do not use strong stream of water that can spread flames.			
Unusual Fire and Explosion Hazards	CAUTION: COMBUSTIBLE MIXTURE. Keep away from heat and flame. Dense black smoke may be produced. This product will not readily ignite, however, thermal decomposition may yield oxides of carbon. Under normal conditions, this product will not create its own heat or cause self ignition.			

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OR

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid	None Known.
	Stable	✓		
Incompatibility (Materials to Avoid) Oxidizing Agents, Acids, Peroxides, Vinyl Chloride.				
Hazardous Decomposition or By-products Thermal decomposition yielding oxides of carbon.				
Hazardous Polymerization	May Occur		Conditions to Avoid	None Known
	Will Not Occur	✓		

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? ✓	Skin? ✓	Ingestion?
Health Hazards	Acute Mist, if generated. In excessive amounts.		
	Chronic None.		
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated? Not Listed ✓
Signs and Symptoms of Exposure Mists, if generated may cause irritation to nose and throat.			
Medical Conditions Generally Aggravated by Exposure Preexisting asthma, lung condition.			
Emergency and First Aid Procedures Seek medical assistance for further treatment, observation and support if necessary.			
Eye Contact	Flush eyes with clean water for 15 minutes. If redness develops, seek medical attention.		
Skin Contact	Wash with soap and water.		
Inhalation	Remove victim to fresh air and provide oxygen if breathing with difficulty.		
Ingestion	DO NOT INDUCE VOMITING. If victim is alert, give 2 or 3 cups of milk or water to drink. Seek medical attention.		

Section VII - Precautions for Safe Handling and Use/Leak Procedures

Steps to Be Taken in Case Material is Released or Spilled	Keep open flames or spark sources away. Collect liquid in sealed containers or absorbent material.		
Waste Disposal Method	Place sealed, labeled containers in waste facility according to local disposal codes.		
Precautions to Be Taken in Handling and Storing	Store in cool dry place. Keep away from incompatible materials. (See section V)		
Other Precautions	Avoid generating excessive mist when using. D.O.T. Hazard Class: Combustible Liquid U.N. #ND		
HMIS Rating:	Health 1	Flammability 1	Reactivity 0 Personal Protection E

Section VIII - Control Measures

Respiratory Protection (Specify Type) Dust mask, if excessive mist generated.			
Ventilation	Local Exhaust	Special	None.
	Mechanical (General) ✓	Other	None.
Protective Gloves	None required	Eye Protection	Safety glasses.
Other Protective Clothing or Equipment None needed.			
Work/Hygienic Practices Wash hands with soap and water.			