

NFPA Rating

HMIS Rating

Health	Flammability	Reactivity	Special	Health	Flammability	Reactivity	Personal Protection
2	1	0	NA	2	0	0	B

Material Safety Data Sheet This MSDS complies with OSHA's Hazard Comm. Standard 29 CFR 1910.1200 and OSHA Form 174

DOT Hazard Classification *
Consumer Commodity, ORM-D

Manufactured For: Hillyard Industries Company

Identity (Trade Name)
#416, Lemon Furniture Polish

Address: P.O. Box 909

MSDS Number *
416-95-1

St. Joseph, MO 64502

Date Prepared:
February 13, 1995

Telephone (Information)
(816) 233-1321 (Ext.2303)

Prepared By:
Regulatory Dept.

Telephone (Emergency)
1-800-CHEMTREC
(1-800-243-6873)

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.

SECTION II - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS - Chemical Name & Common Names	CAS Number	Regulatory Reference**	Approx. wt %	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Reference Source***
Solvent naphtha	64742-88-7	None	10- 15	None	None	d
Adepsine oil	8042-47-5	None	10- 15	None	None	d
Isobutane	75-28-5	f,g,i	10- 15	800	800	d
Propane	74-98-6	d,e,f,g,i,j	3- 8	1000	Asphyxiant	d
Water	7732-18-5	None	30- 60	None	None	d
Other non-regulated ingredients:	Mixture	None	10- 30	None	None	d

SECTION III Physical/Chemical Characteristics

Boiling Point Concentrate	212°F	Specific Gravity (H ₂ O = 1) Concentrate	0.9113
Pressure (psig. @ 70° F)	55±5	Melting Point	No Data
Vapor Density (AIR = 1)	No Data	Evaporation Rate (Butyl Acetate = 1)	No Data
Solubility in Water	Complete	pH	Not Applicable

Appearance and Odor - Clear colorless liquid with a lemon scent in an aerosol can

SECTION IV - Fire and Explosion Hazard Data

USA Flame Projection Test (ASTM D-3065) 0", no flashback; Not flammable	Flammable Limits No Data	LEL No Data	UEL No Data
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Extinguishing Media - Not usually necessary as this product does not readily support combustion. Use media appropriate for fire's fuel source.

Special Fire Fighting Procedures - Use water spray to keep containers cool and vapors down. Do not allow runoff to enter sewers or public watercourses. Wear self-contained breathing apparatus in chemical fires.

Unusual Fire and Explosion Hazards -

Aerosol container (pressurized) may burst if heated over 130° F.

* Optional	** Regulated by:	a CA	f MA	k Calif. Prop. 65	*** Chemical listed as	a NTP
		b CT	g NJ	l Title III, Sec. 313	Carcinogen or Potential	b IARC Monographs
		c RI	h NV	m Other		c OSHA

FURNITURE POLISH - 416

Following is the Material Safety Data Sheet (MSDS) for this product. All efforts are made to update this information in a timely manner. Please contact the manufacturer for pending changes or changes that have not yet been posted.

Material Safety Data Sheet

d	IL	i	PA	Carcinogen	d	Not listed
e	LA	j	RI		e	Animal data only

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SECTION V - Reactivity Data

Stability	Unstable		Conditions to Avoid - Extreme heat, direct sunlight
	Stable	X	
Incompatibility (Materials to Avoid) -	Strong oxidizers, aluminum, galvanized iron and zinc.		
Hazardous Decomposition or Byproducts -	Carbon dioxide, carbon monoxide and various organic oxidation products.		
Hazardous Polymerization	May Occur		Conditions to Avoid - None known
	Will Not Occur	X	

SECTION VI - Health Hazard Data

Route(s) of Entry	Eyes?	Inhalation?	Skin?	Ingestion?
	Yes	No	Yes	Yes
Health Hazards (Acute =1 and Chronic =2) -	Warning. Causes eye irritation. Harmful if inhaled or swallowed. 1. May cause skin and respiratory tract irritation. May be absorbed through intact skin. 1. Overexposures may induce central nervous system effects. Repeated or prolonged occupational overexposure may induce dermatitis or Painter's Syndrome. Follow good chemical hygiene practices when using this and other alkaline butyl cleaning compounds.			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?	
None known	No	No	No	
Signs and Symptoms of Exposure -	Stinging, tearing, redness or burning in eyes. Redness, burning, dryness or cracking skin. Nose and throat irritation. May cause irritation of the digestive tract.			
Medical Conditions Generally Aggravated by Exposure	Pre-existing lung, blood, liver or kidney disorders may be adversely affected.			
Emergency and First Aid Procedures:	Eyes - Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. Get immediate medical attention. Ingestion - Do not induce vomiting, alkaline material. If conscious, wash out mouth with water. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately. Inhalation - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. Skin - Flush with plenty of water for at least 15 minutes. If irritation arises and persists, call a physician.			

SECTION VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled -	Caution, slip hazard. Wipe up small spills promptly with a rag or other absorbent material. For large spills, isolate traffic and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Dike to prevent spread. Pick up with an absorbent material and put in suitable container for proper disposal.		
Waste Disposal Method -	Consult local, state and federal regulations. Do not puncture or incinerate container. Replace cap on empty can, wrap, then discard container if allowed by applicable statutes.		
Precautions to be Taken in Handling and Storing -	Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Avoid inhaling mist or vapors. Wash thoroughly after handling. Do not swallow. Store in a cool (under 120° F) dry location away from heat, sparks, open flame, and direct sunlight.		
Other Precautions -	Follow label directions carefully. Keep out of reach of children. Do not deliberately concentrate and inhale vapors. Direct spray away from face. Replace cap when not in use. Do not smoke while using. Do not use around ignition sources such as heat, sparks, open flame, etc. Do not puncture or incinerate container.		

SECTION VIII - Control Measures

Respiratory Protection (Specify Type) -	Not usually necessary. Use with adequate ventilation. If PELs or TLVs are exceeded (see Section II), use an approved NIOSH/MSHA respirator.		
Ventilation	Local Exhaust	Not usually needed	Special
	Mechanical (General)	Yes	Other
Protective Gloves -	Eye Protection -		
Yes, impervious	Yes, goggles or approved safety glasses (ANSI Z87)		
Other Protective Clothing or Equipment -	Not usually needed. If direct contact is possible, wear apron, boots, face shield, etc. as necessary.		
Work/Hygienic Practices -	Normal. Wash thoroughly before eating, drinking, smoking, using restrooms, etc.		

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