

MATERIAL SAFETY DATA SHEET

MANUFACTURED FOR:	Lucas Oil Products, Inc.
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I. GENERAL	
TRADE NAME: #10155 Metal Polish	EMERGENCY TELEPHONE NUMBER 800-342-5212
OTHER NAMES:	
CHEMICAL FAMILY: Solvent Emulsion	DOT Hazardous Materials Proper Shipping Name: NA1993
GENERIC NAME: Metal Polish	DOT Hazard Class: Combustible Liquid, N. O. S. (Contains Naphtha, Solvent)
II. HAZARDOUS COMPONENTS	
(this may not be a complete list of components)	
Component Name	CAS No.
Aliphatic Petroleum Distillates	64-742-478
	Exposure Limits in Air TLV (ACGIH) VPEL(OSHA) PEL (OSHA)
	5 milligram 5 milligram
#Listed by: 1=IARC 2=EPA 3=GISO 4=CAL/OSHA	Compositions are typical values, not specifications.
III. SUMMARY OF HAZARDS	
ACUTE HEALTH-	May cause eye, nose, respiratory and skin irritation. Headache, nausea, confusion, and reversible eye damage may occur.
CHRONIC HEALTH-	May lead to muscular weakness, confusion, impaired coordination, liver and kidney damage, pulmonary edema, anorexia and dermatitis.
NFPA Rating:	Health: <input type="text" value="0"/> Fire: <input type="text" value="1"/> Reactivity: <input type="text" value="0"/>
	(4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=Insignificant)
IV. FIRE AND EXPLOSION	
Flash Point (Method): 165°F (TCC)	Auto ignition Temperature: 500°F
	Flammable Limits (%Volume in air) Lower- 1.00% Upper- 6.00%
UNUSUAL FIRE AND EXPLOSION HAZARD	Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources distant from handling point.
EXTINGUISHING MEDIA	Foam <input type="text" value="X"/> CO2 <input type="text" value="X"/> Water Spray <input type="text" value="X"/> Dry Chemical <input type="text" value="X"/> Other <input type="text"/>
SPECIAL FIREFIGHTING PROCEDURES	Use self-contained breathing apparatus with a full face piece in pressure-demand or other positive pressure mode with appropriate turnout gear and chemical resistant personal protective equipment.
V. HEALTH HAZARDS	
INHALATION	Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits. Symptoms may include, nausea, vomiting, diarrhea, nose and throat irritation, dizziness, drowsiness and headache.
EYE CONTACT	May cause mild eye irritation. Symptoms include stinging, tearing and redness.
SKIN ABSORPTION	Passage of this material through the skin is possible, but is unlikely that this would result in harmful effects during safe handling and use.
SKIN IRRITATION	Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis. Symptoms may include redness, burning and drying and cracking of skin.
INGESTION	Swallowing small amounts of this material during normal handlings is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into lungs during swallowing or vomiting. This results in lung inflammation.
SUMMARY OF CHRONIC HAZARDS AND SPECIAL HEALTH EFFECTS	
VI. PROTECTIVE EQUIPMENT AND OTHER CONTROL MEASURES	
RESPIRATORY	Above exposure limits, use self contained breathing apparatus. Use only NIOSH approved or MSHA approved equipment.
EYE	Slash proof safety goggles should be used. Contact lenses should not be worn while working with chemicals.
SKIN	Gloves impervious to chemicals. Protective clothing to prevent prolonged or repeated contact. Solvent resistant boots.
ENGINEERING CONTROLS	Need ventilation equivalent to outdoor ventilation. Use explosion proof equipment.
OTHER HYGIENIC AND WORK PRACTICES	Eye bath and safety showers should be available to employees
#10155 Metal Polish	
VII. EMERGENCY AND FIRST AID	
INHALATION	Move exposed person to fresh air at once. Keep warm and at rest. If breathing stops give artificial respiration. If unconscious, give oxygen. Get medical attention as soon as possible.

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EYE CONTACT	Wash eyes immediately with large amounts of water for 15 min., lifting lower and lower lids occasionally. If irritation persists after washing, get medical attention.		
SKIN CONTACT	Wash all contaminated skin promptly with soap or mild detergent. Remove contaminated clothing and wash before reuse. If irritation persists, get medical attention.		
INGESTION	Seek medical attention. If individual is drowsy or unconscious do not give anything by mouth; place individual of the left side with head down. Contact physician, medical facility, or poison control for advice about whether to induce vomiting. If possible, do not leave individual unattended.		
SUSPECTED CANCER AGENT	NO, This product is not found on the Federal OSHA, NTP, IARC, or Cal OSHA lists.		
AGGRAVATED CONDITIONS	Pre-existing skin disorders, respiratory tract, liver or kidney disease.		
VIII SPILL AND DISPOSAL			
PRECAUTIONS IF MATERIAL IS SPILLED OR RELEASED	Remove all possible ignition sources. Ventilate 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 sewer due to explosion hazard.		
WASTE DISPOSAL METHODS	Empty containers can have residues, gases and mists are subject to proper waste disposal. Dispose of all wastes in accordance with federal, state and local regulations.		
X PHYSICAL AND CHEMICAL DATA			
Boiling Point	300°F - 365°F	Viscosity Units, Temp. (Method)	Percent VOC Exempt LVP Solvent
Freezing Point	-99°F	Vapor Pressure (mmHg @68°F)	Evaporation rate (Butyl acetate = 1) n/a
Specific Gravity (H2O=1)	0.77	Vapor Density (Air=1 @60-90°F)	Stable Unstable
Solubility in Water (g/100g water @20°C)	0.00003	pH -concentrate pH -dilute	Hazardous Polymerization Will not occur
Other Physical and Chemical Properties		Chemical Reactivity	
Appearance	White polish/lotion liquid with slight solvent mint odor.		
Materials to Avoid	Avoid strong oxidizing agents.		
Conditions to Avoid	Containers may burst at elevated temperature. Avoid heat, sparks, flame and other sources of ignition.		
Hazardous Decomposition Products	Toxic gases and vapors including carbon dioxide and carbon monoxide may be released.		
XI ADDITIONAL PRECAUTIONS			
HANDLING, STORAGE AND DECONTAMINATION PROCEDURES	Store in cool area away from open sparks or flame.		
GENERAL COMMENTS			
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