

# Material Safety Data Sheet

## GIBBS PENETRATING OIL #6623

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In the event of an emergency, call the 24-hour emergency hotline: (800) 255-3924.

### SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Manufactured by:** APOLLO TECHNOLOGIES  
1850 S. Cobb Industrial Blvd.  
Smyrna, GA 30082

**Telephone Number:** (770) 433-0210 • Mon-Fri 8a.m.-5p.m. CST

**Common Name:** GIBBS™ Brand Lubricant

**Chemical Name:** Mixture packaged in pressurized aerosol spray container.

#### HMIS Ratings

Health	1
Flammability	3
Reactivity	0

#### NFPA Ratings



### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

PRINCIPAL HAZARDOUS COMPONENT(S)	CAS No.	OSHA PEL	ACGIH TLV	OTHER LIMITS
2 Propanol	67-63-0	400 ppm	400 ppm	
Heptane	142-82-5	500 ppm	400 ppm	
Petroleum Distillates	64742-54-7	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	
Carbon Dioxide	124-38-9	5000 ppm	5000 ppm	

\*Section 313 Supplier Notification – Indicates hazardous ingredients which are toxic chemicals 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.

### SECTION 3. PHYSICAL & CHEMICAL CHARACTERISTICS

CHARACTERISTIC	DATA	CHARACTERISTIC	DATA
<b>Boiling Point</b>	> 100°F	<b>Specific Gravity</b> (H <sub>2</sub> O=1)	0.770 – 0.810 g/mL
<b>Volatile Organic Content</b> (%)	49.6%	<b>Evaporation Rate</b> (BuAc=1)	> 1.00
<b>Solubility in Water</b>	Insoluble	<b>pH</b>	N/A
<b>Vapor Pressure</b> (Propellant)	N/A	<b>Appearance and Odor</b>	Red thin opaque liquid spray with a low solvent odor.

### SECTION 4. FIRE AND EXPLOSION DATA

CHARACTERISTIC	DATA
<b>Flammability</b> (Per Flame Projection)	Extremely flammable
<b>Flammable Limits in Air</b> (Propellants)	Lower: N/A      Upper: N/A
<b>Flash Point</b>	Concentrate: < 20°F      Propellant: N/A
<b>Extinguisher Media</b>	Water, foam, dry chemical (B-C), CO <sub>2</sub>
<b>Special Fire Fighting Procedures</b>	Keep cool using water spray. Wear self-contained breathing apparatus and protective clothing. Use proper equipment to protect personnel from busting containers.
<b>Unusual Fire and Explosion Hazards</b>	Do not use or store near fire, sparks, or flame. Do not puncture or incinerate container. Do not store in direct sunlight or expose to temperatures > 120°F.

### SECTION 5. PHYSICAL HAZARDS IDENTIFICATION

CHARACTERISTIC	DATA	CHARACTERISTIC	DATA
<b>Stability</b>	Stable		
<b>Conditions to Avoid</b>	Fire, sparks, flame; temperatures > 120°F	<b>Materials to Avoid</b>	Strong oxidizers, alkalies, acids, chlorine
<b>Hazardous Polymerization</b>	Will not occur.	<b>Hazardous Decomposition Products</b>	CO, CO <sub>2</sub> , various hydrocarbons

## SECTION 6. HEALTH HAZARDS IDENTIFICATION

<b>Routes of Entry</b>	Inhalation: Yes	Eyes/Skin: Yes	Ingestion: Unlikely
<b>Signs &amp; Symptoms of Exposure</b>	Inhalation: May cause irritation to nose, throat, and airways.		
	Eyes: May cause redness, irritation, stinging, and tearing.		
	Skin Exposure: May cause dryness, symptoms of dermatitis, and cracking.		
	Ingestion: May cause stomach or intestinal upset, nausea, vomiting, and diarrhea.		
<b>Medical Conditions Generally Aggravated by Exposure</b>	None known.		
<b>Chemical Listed as Carcinogen or Potential Carcinogen</b>	National Toxicology Program: No	I.A.R.C. Monographs: No	OSHA: No
<b>Emergency &amp; First Aid Procedures</b>	Inhalation: <b>Immediately</b> move victim to fresh air. Apply artificial respiration if needed. Seek medical attention.		
	Eyes: <b>Immediately</b> move victim to fresh air. Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention if irritation develops or persists.		
	Skin Exposure: Remove contaminated clothing. <b>Immediately</b> wash contaminated skin with plenty of soap and water. Seek medical attention if irritation develops or persists.		
	Ingestion: <b>Immediately</b> call a physician or poison control. Do not induce vomiting unless instructed by medical personnel.		

## SECTION 7. EXPOSURE CONTROLS & PERSONAL PROTECTION

<b>Respiratory Protection</b>	Don respiratory protective mask only as a last resort to control exposure.		
<b>Ventilation</b>	Local Exhaust: Maintain adequate ventilation		
	Mechanical: N/A	Special: N/A	Other: N/A
<b>Skin Protection</b>	To avoid possible skin irritation, wear chemical resistant gloves.		
<b>Eye Protection</b>	To avoid eye contact, wear safety glasses with side shield or chemical goggles.		
<b>Other Protection</b>	Wash hands thoroughly with soap and water after each use.		

## SECTION 8. HANDLING & STORAGE INFORMATION

<b>Handling &amp; Storage Precautions</b>	Use with adequate ventilation. Do not use or store near fire, sparks, or flame. Do not puncture or incinerate container. Do not store in direct sunlight or expose to temperatures > 120°F.		
<b>Other Precautions</b>	Read label precautions carefully. Follow directions for use on label to avoid injury.		

## SECTION 9. SPILL, LEAK & DISPOSAL PROCEDURES

<b>Containment of Spill</b>	<b>Immediately</b> eliminate all ignition sources. Absorb spill with inert absorbent and place in an appropriate chemical waste container.		
<b>Disposal of Spill</b>	Dispose of spill material in accordance with local, state, and federal regulations.		

## SECTION 10. TRANSPORTATION INFORMATION

<b>Proper Shipping Name</b>	Consumer Commodity ORM-D		
<b>DOT Classification</b>	Hazardous	<b>Hazard Class</b>	2.2
<b>UN Number</b>	UN 1950	<b>Packing Group</b>	N/A

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