

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 ³	5 mg/m ³	
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
Boiling Point	> 100°F	Specific Gravity (H ₂ O=1)	0.770 – 0.810 g/mL
Volatile Organic Content (%)	49.6%	Evaporation Rate (BuAc=1)	> 1.00
Solubility in Water	Insoluble	pH	N/A
Vapor Pressure (Propellant)	N/A	Appearance and Odor	Red thin opaque liquid spray with a low solvent odor.

SECTION 4. FIRE AND EXPLOSION DATA

CHARACTERISTIC	DATA
Flammability (Per Flame Projection)	Extremely flammable
Flammable Limits in Air (Propellants)	Lower: N/A Upper: N/A
Flash Point	Concentrate: < 20°F Propellant: N/A
Extinguisher Media	Water, foam, dry chemical (B-C), CO ₂
Special Fire Fighting Procedures	Keep cool using water spray. Wear self-contained breathing apparatus and protective clothing. Use proper equipment to protect personnel from busting containers.
Unusual Fire and Explosion Hazards	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
Stability	Stable		
Conditions to Avoid	Fire, sparks, flame; temperatures > 120°F	Materials to Avoid	Strong oxidizers, alkalies, acids, chlorine
Hazardous Polymerization	Will not occur.	Hazardous Decomposition Products	CO, CO ₂ , various hydrocarbons

SECTION 6. HEALTH HAZARDS IDENTIFICATION

Routes of Entry	Inhalation: Yes	Eyes/Skin: Yes	Ingestion: Unlikely
Signs & Symptoms of Exposure	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.		
Medical Conditions Generally Aggravated by Exposure	None known.		
Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program: No	I.A.R.C. Monographs: No	OSHA: No
Emergency & First Aid Procedures	Inhalation: Immediately move victim to fresh air. Apply artificial respiration if needed. Seek medical attention.		
	Eyes: Immediately 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. Immediately wash contaminated skin with plenty of soap and water. Seek medical attention if irritation develops or persists.		
	Ingestion: Immediately call a physician or poison control. Do not induce vomiting unless instructed by medical personnel.		

SECTION 7. EXPOSURE CONTROLS & PERSONAL PROTECTION

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

SECTION 8. HANDLING & STORAGE INFORMATION

Handling & Storage Precautions	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.		
Other Precautions	Read label precautions carefully. Follow directions for use on label to avoid injury.		

SECTION 9. SPILL, LEAK & DISPOSAL PROCEDURES

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

SECTION 10. TRANSPORTATION INFORMATION

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

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