

**Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (as Used on Label and List)

**Champ-Lube™ 20+**

*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 I**

Manufacturer's name Athena Champion	Emergency Telephone Number 260-373-1917
Address (Number, Street, City, State and ZIP Code)	Telephone Number for Information 260-373-1917
2621 Corrinado Court	Date Prepared 7/28/03
Fort Wayne, IN 46808	Signature of Preparer (optional)

**Section II—Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Product Use: Dental lubricant for low and high speed handpieces				
Chemical Use: Highly refined blend of oil derived from hydrocarbons to produce a stable high film strength lubricant				
Transportation: Classified as AOT. Not regulated for hazard				
Physical State: Liquid at normal pressure				
Freezing Temperature: -52°C (-62°F)				
PH: 7.3				
Viscosity: 100SUS				

**Section III—Physical/Chemical Characteristics**

Boiling Point	230°C (446 F)	Specific Gravity (H <sub>2</sub> O = 1)	1.0@15C.
Vapor Pressure (mm Hg)	.55mm	Melting Point	N/A
Vapor Density (AIR = 1)	N/E	Evaporation Rate (Butyl Acetate = 1)	NIL @25C.
Solubility in Water	Not Soluable		
Appearance and Odor	Clear to light amber, pleasant odor		

**Section IV—Fire and Explosion Hazard Data**

Flash Point (Method Used): 175°C (350°F)	Flammable Limits	LEL	UEL
	Low hazard	N/E	N/E
Extinguishing Media	Use CO2, foam, dry chemical. Halon/N2, avoid water this will only spread an oil fire		
Special Fire Fighting Procedures	Do not use water		

Unusual Fire and Explosion Hazards: Liquid is not flammable at normal ambient temperatures. Lubricants may ignite when heated to its boiling point if exposed to an open flame.

**Section V—Reactivity Data**

Stability	Unstable		Conditions to Avoid:
	Stable X		Contact with oxidizing agents, i.e. Chlorine and acids
Incompatibility ( <i>Materials to Avoid</i> ) Oxidizing agents			
Hazardous Decomposition or Byproducts N/A			
Hazardous Polymerization N/A	May Occur		Conditions to Avoid
	Will Not Occur		

**Section VI—Health Hazard Data**

Route(s) of Entry	Inhalation? Yes	Skin? Yes	Ingestion? NO
LD 50 Oral and Dermal: 1,000,000 MG/KG (calculated)			
Health Hazards ( <i>Acute and Chronic</i> ): Mild irritation to skin or eyes possible over long term exposure. Flush with water for eyes. Use soap and water on skin. Call physician if irritation persists. If ingested do not induce vomiting, this may cause Lipoid Pneumonia, call physician.			
Carcinogenicity None	NTP?	IARC Monographs?	OSHA Regulated?
Signs and Symptoms of Exposure Irritation			
Medical Conditions Generally Aggravated by Exposure N/A			
Emergency and First Aid Procedures Mild irritation to skin or eyes possible over long term exposure. Flush with water for eyes. Use soap and water on skin. Call physician if irritation persists. If ingested do not induce vomiting, this may cause Lipoid Pneumonia, call physician.			

**Section VII—Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled	
Shut off leak, recover free product, add sand, earth or suitable absorbent material to spill area	
Waste Disposal Method	Dispose in accordance with federal, state and local regulations
Precautions to Be Taken in Handling and Storing N/A	
Other Precautions N/A	

**Section VII—Control Measures**

Respiratory Protection ( <i>Specify Type</i> ) N/A			
Ventilation	Local Exhaust		Special
	Mechanical ( <i>General</i> )		Other
Protective Gloves N/A			Eye Protection N/A
Other Protective Clothing or Equipment N/A			
Work/Hygienic Practices N/A			

*We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind*