

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 800-535-5053

Address (Number, Street, City, State and ZIP Code)

Telephone Number for Information 800-253-1771

13705 Shoreline Court East

Date Prepared 3/10/09

Earth City, MO 63045

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 (H₂O = 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