



Goliath Threading Tools Pty Ltd ABN 23 000 534 814
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MATERIAL SAFETY DATA SHEET

Date of issue 28/11/2008

Section 1

Importer/Supplier:

**Goliath Threading Tools
336 Victoria Street
Brunswick Vic 3056
Phone: 03 9387 4755
Australian Poisons Ph. 131126**

Product Name:

A-9 Aluminium Cutting Fluid

Chemical Name & Synonyms:

**Predominantly Hydrocarbon base with bland additives.
(49 CFR 172 101)**

Section 2 (Components)

	TLV	PEL	STEL	C.A.S. No.	Haz*	A.D.G Code	% wt.
Mineral Oil	5mg/m3	5mg/m3	NE	64742-58-1	N/A	N/A	>70
Bland Additive	NE	NE	NE	Trade Secret	N/A	N/A	<25
Bland Additive	NE	NE	NE	Trade Secret	N/A	N/A	<16
Perfume	NE	NE	NE	-- --	N/A	N/A	<1
Green dye, Pharmacy Grade	NE	NE	NE	-- --	N/A	N/A	trace

Not hazardous according to the criteria of WorkSafe.

Haz* not listed in National Occupational Health & Safety Commission, List of Designated Hazardous Substances, 1999. Data is based on testing mixture as a whole. Neither the mixture nor any of its ingredients is on the carcinogen or suspected-carcinogen list of the NTP, the IARC or the OSHA.

Section 3 (Physical Data)

Boiling Point:	204.4deg C	Specific Gravity (H2O=1)@25 C:	0.883	Freezing Point:	-28.9deg C
Vapor Pressure (mm Hg):	37.8deg C: .1mm	Percent Volatile by Volume (%):	N/A	VOC:	N/A
Vapor Density (Air=1):	N/A	Evaporation Rate (Water=1):	N/A		
Solubility in water:	Negligible	pH:	N/A		
Appearance & Odor:	light green oil with slight fatty odor			Material is Liquid	

Section 4 (Fire & Explosion Hazard Data)

Flash Point (method used):	130deg C; (COC)	Flammable Limits:	LFL	UFL
		Non-Flammable:	N/A	N/A
Extinguishing Media:	Carbon Dioxide, Foam, Dry Chemical, Water as a mist only.			
Special Fire Fighting procedures:	Prefer Carbon Dioxide or sand as with oil fire.			
Unusual Fire & Explosion Hazards:	No unusual hazards.			
Exposing containers to intense heat could cause drums to rupture. Cool fire-exposed containers with water spray to prevent rupture.				

Section 5 (Health Hazard Data)

Effects of Overexposure:	Eyes & Skin: may cause mild irritation.
	Inhalation: may cause mild upper respiratory irritation. Ingestion: possible nausea.
Emergency & First Aid Procedures:	Eyes: Flush for 15 min's with water. Skin: wash with soap & water. Inhalation: remove to fresh air. Ingestion: Do not induce vomiting: give lots of water to a conscious person. Call Doctor.

Section 6 (Reactivity Data)

Stability:	Stable	Conditions to avoid:	Flame, Heat, Strong oxidizing agents.
Incompatibility (material to avoid):	Swells natural rubber and some plastics. Slight etching of light metals on prolonged exposure may occur.		
Hazardous Decomposition Products:	CO, CO2, and acrolein when combusted.		
Hazardous Polymerization:	Will not occur.		
Conditions to avoid:	N/A.		

NE=Not Established

NF=Not Found

N/A=Not Applicable

ND=Not Determined



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Section 7 (Spill or Leak Procedures)

Steps to be taken in case material is released or spilled: Wear respirator and protective clothing. Treat as oil spill. Soak up on absorbent clay or sand and remove to containers.

Waste Disposal Method: Transport in DOT-approved container to EPA-approved treatment, storage and disposal facility. Follow local, State disposal regulations.

Section 8 (Special Protection Information)

Respiratory Protection: Normally not needed. For oil-type mist, use NIOSH-listed respirator.

Ventilation: Local/Mechanical; adequate to avoid fumes and oil mists. Special: Not required normally.

Protective Gloves: Nitrile-type, oil resistant. Eye Protection: Chemical goggles or full face shield.

Other protective equipment: Clean clothes / Apron or chemical suit where splashing may occur.

Section 9 (Special precautions)

Precautions to be taken in handling and storage: Avoid production of oil mist. Avoid excessive heat. Avoid repeated or prolonged skin or eye contact.

Other precautions: While there is no TLV established for this product, airborne mist should be kept below the nuisance TLV for oil mist; 5mg/meter³.

IARC-NTP-OSHA: **Neither the mixture nor any component is listed as a carcinogen or suspected carcinogen.**



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