

A-9 ALUMINUM CUTTING FLUID

NFPA  Health Fire Reactivity		MATERIAL SAFETY DATA SHEET Meets requirements of 29 CFR 1910.1200 (Federal Hazard Communication Standard)	HMS	
			Health 1	Fire 1

 SECTION I

PRODUCT NAME OR NUMBER A-9® ALUMINUM CUTTING FLUID	
MANUFACTURER'S NAME Relton Corporation	EMERGENCY TELEPHONE NO Chemtrec - (800) 424-9300
ADDRESS (Number, Street, City, State, and Zip Code) 317 Rolyn Place, Arcadia, CA 91007-2838	Non-Emergency Ph. No. (323) 681-2551 (800) 423-1505
HAZARDOUS MATERIALS DESCRIPTION AND PROPER SHIPPING NAME (49 CFR 172.101) NA NA	HAZARD CLASS (49 CFR 172.101) NA
CHEMICAL FAMILY Mixture: predominately hydrocarbon base with bland additives.	Formula See Section II

 SECTION II - INGREDIENTS

	TLV	PEL	STEL	C.A.S. NO.	%
Mineral Oil	NE	NE	NE	64742-58-1	> 70
Bland Additive	NE	NE	NE	Trade secret	< 25
Bland Additive	NE	NE	NE	Trade secret	< 16
Perfume	NE	NE	NE	-- --	< 1
Green dye, Pharmacy Grade	NE	NE	NE	-- --	trace

(See Section V for Health data)

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 OSHA. Contains no Calif. Prop. 65 substance. Not reportable under SARA. All components are listed on the TSCA inventory.

 SECTION III - PHYSICAL DATA

BOILING POINT (X°F) (C°)	400° F	SPECIFIC GRAVITY (H2O=1) @ 25° C	0.883	Freezing Point	-20° F
VAPOR PRESSURE (mm Hg)	100° F: .1 mm	PERCENT VOLATILE BY VOLUME (%)	NA	VOC	NA
VAPOR DENSITY (AIR=1)	NA	EVAPORATION RATE (WATER=1)	NA		
SOLUBILITY IN WATER	Negligible	pH=	NA		
APPEARANCE AND ODOR	light green oil with slight,fatty odor.		MATERIAL IS GAS	LIQUID PASTE	SOLID POWDER

 SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (method used)	266° F CCC	FLAMMABLE LIMITS	LFL	UFL
		Non-Flammable	NA	NA
EXTINGUISHING MEDIA	Use CO2, dry chemicals , foam, water as a mist only.			
SPECIAL FIRE FIGHTING PROCEDURES	Prefer CO2 or sand as with oil fire.			
UNUSUAL FIRE AND 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 V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE
Eyes and skin: may cause mild irritation. Inhalation: may cause mild upper respiratory irritation. Ingestion: possible nausea.
EMERGENCY AND FIRST AID PROCEDURES
Eyes: flush for 15 min. with water. Skin: wash with soap and water. Inhalation: remove to fresh air. Ingestion: do not induce vomiting; give lots of water to a conscious person. Call Doctor

NE=not established NF=not found NA=not applicable ND=not determined

