

NFPA  Health Fire Reactivity	 MATERIAL SAFETY DATA SHEET Meets requirements of 29 CFR 1910.1200 (Federal Hazard Communication Standard)	HMIS <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Health</td><td style="text-align: center;">1</td></tr> <tr><td>Fire</td><td style="text-align: center;">1</td></tr> <tr><td>Reactivity</td><td style="text-align: center;">1</td></tr> </table>	Health	1	Fire	1	Reactivity	1
Health	1							
Fire	1							
Reactivity	1							

SECTION I

MANUFACTURER'S NAME: RELTON CORPORATION 317 ROLYN PLACE ARCADIA, CA 91007-2838 EMERGENCY RESPONSE for spill, leak, exposure, etc: Chemtrec - (800) 424-9300 For non-emergency product information: Relton Corp - (323) 681-2551 (800) 423-1505	PRODUCT NAME OR NUMBER: NEW Rapid Tap® <i>cutting fluid</i> CHEMICAL NAME & SYNONYMS: Predominantly Chlorinated Paraffin CHEMICAL FAMILY: Chlorinated Paraffin FORMULA: Mixture (see Section II)
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SECTION II COMPONENTS

	TLV	PEL	STEL	C.A.S. NO.	% wt.
Paraffin, chlorinated	NE	NE	NE	61788-76-9	< 40
Mineral Oil	5 mg/m ³	5 mg/m ³	NE	64742-58-1	< 50
Metal-Cutting-Fluid Additive	5 mg/m ³	10 mg/m ³	NE	Trade secret	< 8
Soybean Oil, epoxidized	NE	NE	NE	8013-07-8	> 1
Olefin Sulfide	5 mg/m ³	5 mg/m ³	NE	Trade secret	< 1
Cinnamon Oil Perfume	NE	NE	NE	-- --	trace

SECTION III - PHYSICAL DATA

Data is based upon testing mixture as a whole.

BOILING POINT (X°F) (C°): 450° F	SPECIFIC GRAVITY (H ₂ O=1) @ 25° C: 1.02	Freezing Point: -20° F
VAPOR PRESSURE (mm Hg): NF	PERCENT VOLATILE BY VOLUME (%): NA	VOC: Negligible
VAPOR DENSITY (AIR=1): NF	EVAPORATION RATE (WATER=1): Slower than water	
SOLUBILITY IN WATER: < .2%	pH: NA	
APPEARANCE AND ODOR: light amber color; slight, sweet odor		MATERIAL IS LIQUID

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Data is based upon testing mixture as a whole.

FLASH POINT (method used): 350° F COC	FLAMMABLE LIMITS: Non-Flammable	LFL ND	UFL ND
EXTINGUISHING MEDIA: Carbon Dioxide, Foam, Dry Chemical, Water, Fog			
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus with full facepiece in a pressure-demand mode; full-body protective clothing. Treat as oil fire			
UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustion can produce acid gases (hydrogen chloride, hydrogen sulfide) 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

ROUTES OF ENTRY & SYMPTOMS 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

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID: Elevated temperatures produce decomposition
	STABLE	X	
INCOMPATIBILITY (materials to avoid): Strong oxidizing and reducing agents, strong alkalis. Iron and zinc catalyze deterioration			
HAZARDOUS DECOMPOSITION PRODUCT: Combustion can produce carbon-dioxide and monoxide, hydrogen chloride, incompletely burned hydrocarbon products, oxides of sulfur & nitrogen, aldehydes, & traces of hydrogen sulfide.			
HAZARDOUS	MAY OCCUR		CONDITIONS TO AVOID: NA
POLYMERIZATION:	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Clean up promptly by vacuum or absorbent material. Prevent discharge to streams or sewage systems; report if required.
WASTE DISPOSAL METHOD: Transport in DOT-approved container to EPA-approved treatment, storage, and disposal facility. Follow local, State & Federal disposal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type): Normally not needed. For oil-type mist, use NIOSH-listed respirator.		
VENTILATION: Local-mechanical	LOCAL EXHAUST (Specify Rate): Adequate to avoid fumes and oil mists	SPECIAL: Not required normally
	MECHANICAL (General) (Specify Rate):	OTHER:
PROTECTIVE GLOVES: Freshly washed cotton or rubber, nitrile	EYE PROTECTION: Chemical goggles or full faceshield	
OTHER PROTECTIVE EQUIPMENT: Clean clothes Apron or chemical suit where splashing may occur		

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a dry place. Vent vapors to open area if stored above 100°F. Don't store near food or in zinc or iron containers.
OTHER PRECAUTIONS: Chlorinated Paraffin will darken at elevated temperatures. Avoid mist and vapor; use with adequate ventilation & exhaust of work area.

ADDITIONAL INFORMATION

DOT: No hazardous substance No hazard class It# 155250 Class 65	UN or NA#: Not applicable Freight Classification: Chlorinated paraffin No DOT ID#
SARA: Not considered to be subject to Title III	
TSCA: All components required to be listed on the inventory are listed.	
IARC-NTP-OSHA: Neither the mixture nor any component is listed as a carcinogen or suspected carcinogen.	
Ozone-Depleting Substance: No 1,1,1-Trichloroethane (methyl chloroform) or other ozone-depleting substance No 5/15/93 labeling required	
California Prop. 65 Material: None	
Note: Although no exposure limits are established, observe ACGIH-OSHA TWA for oil mists: 5Mg/meter ³ . Use with adequate local ventilation and exhaust devices.	

RELTON CORPORATION



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