

A-9 ALUMINUM CUTTING FLUID

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

 SECTION I

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|---|---|-------------------------------|-------------------------------|
| 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 | 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

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|------------------------------|--|---|--------------------|-----------------|------------------|
| BOILING POINT (X°F) (C°) | 400° F | SPECIFIC GRAVITY (H ₂ O=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

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|--|--|------------------|-----|-----|
| FLASH POINT (method used) | 266° F CCC | FLAMMABLE LIMITS | LFL | UFL |
| | | Non-Flammable | NA | NA |
| EXTINGUISHING MEDIA | Use CO ₂ , dry chemicals , foam, water as a mist only . | | | |
| SPECIAL FIRE FIGHTING PROCEDURES | Prefer CO ₂ 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 rup ture. | | | | |

 SECTION V - HEALTH HAZARD DATA

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| 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 |

A-9 ALUMINUM CUTTING FLUID **SECTION VI - REACTIVITY DATA**

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| STABILITY | UNSTABLE | | CONDITIONS TO AVOID: Flame, heat, strong oxidizing agents |
| | STABLE | X | |
| INCOMPATIBILITY (materials to avoid): Swells natural rubber and some plastics. Slight etching of light metals on prolonged exposure may occur. | | | |
| HAZARDOUS DECOMPOSITION PRODUCTS. CO, CO ₂ , and acrolein when combusted | | | |
| HAZARDOUS POLYMERIZATION | MAY OCCUR | | CONDITIONS TO AVOID: NA |
| | WILL NOT OCCUR | X | |

 SECTION VII - SPILL OR LEAK PROCEDURES

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| 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 & Federal disposal regulations. |

 SECTION VIII - SPECIAL PROTECTION INFORMATION

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

 SECTION IX - SPECIAL PRECAUTIONS

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| PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING 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/meter ³ . |

ADDITIONAL INFORMATION

DOT: No hazardous substance UN or NA#: Not applicable
No hazard class Freight Classification: Petroleum oil, lubricating
No DOT ID# It# 155250 Class 65

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.

California Prop. 65 Material: None.



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