

CITY of EVERETT  
SAFETY DIVISION  
MATERIAL SAFETY DATA SHEET



PAGE 1

SECTION 1 PRODUCT NAME AND IDENTIFICATION

Chemical Manufacturer's Name RELTON CORPORATION  
Address 317 Rolyn Place Emergency Phone (213) 681-2551  
Arcadia, California 91006 Date Prepared 09/05/86

Product Name "RAPID TAP"  
Chemical Name 1,1,1,-Trichloroethane C.A.S.# \_\_\_\_\_ E.P.A.# \_\_\_\_\_  
Generic or Trade Name Methyl Chloroform

PRODUCT INGREDIENTS:

<u>NAME</u>	<u>C.A.S.#</u>	<u>WEIGHT%</u>	<u>TLV</u>
<u>A natural glyceride(Trade Secret)</u>		<u>10</u>	<u>ND</u>
<u>An aliphatic polyol(Trade Secret)</u>		<u>10</u>	<u>ND</u>
<u>Cinnamon oil perfume</u>		<u>traces</u>	<u>ND</u>
<u>1,1,1,-Trichloroethane (Methyl Chloroform)</u>	<u>71-55-6</u>	<u>80</u>	<u>350 ppm</u>

SECTION 2 HAZARDOUS INGREDIENTS OF MIXTURES

Material \_\_\_\_\_ Percentage of Mixture \_\_\_\_\_  
Nature of Hazard and Toxicity Data \_\_\_\_\_

SECTION 3 PHYSICAL DATA

Boiling Point (F) 284° Vapor Pressure (mm Hg) @68°F=100mmHg Vapor Density 4.6  
Water Solubility slight Melting Point \_\_\_\_\_ Specific Gravity 1.276  
Percent Volatile by Volume 80% Evaporation Rate(1,1,1,Trichloroethane=1) 1.3  
Appearance and Odor Threshold Clear liquid with amber color, cinnamon odor.

SECTION 4 FIRE AND EXPLOSION DATA

Flashpoint (F) 140°F L.E.L. 8 U.E.L. 10.5  
Method Used TCC  
Extinguishing Agents Water Fog

Unusual Fire or Explosive Hazards Products of combustion in open flame: CO<sub>2</sub>, CO, HCL, & COCl<sub>2</sub>

Special Firefighting Equipment Self contained breathing apparatus.

Special Firefighting Procedures Avoid exposure to open flame. Rapid Tap is not considered a flammable-liquid hazard in normal use.



MATERIAL SAFETY DATA SHEET  
PAGE 2

SECTION 5 HEALTH HAZARDS


TLV 350 ppm PEL 350 ppm

Routes of Exposure Primary routes of entry into body are inhalation, skin, eyes, ingestion.

Acute Symptoms of Overexposure Drunkenness and uncoordination, burning eyes; inhalation effects are not cumulative. Early symptoms-depression, local irritation of eyes and mucous membranes.

First Aid Increase ventilation; remove from source of contact; assist respiration. Wash skin with soap and water; wash eyes with water. Ingestion-do not induce vomiting; call doctor.

SECTION 6 REACTIVITY Stable

Conditions to Avoid Exposure to high temperature sources which induce thermal decomposition.

Materials to Avoid Avoid mixing with water(forms HCL) Avoid contact with caustic soda or other strong alkali. Avoid use with aluminum.

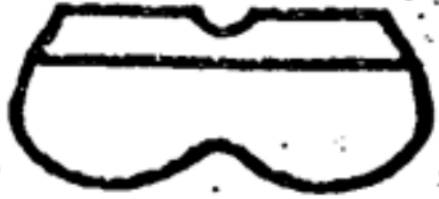
Hazardous Decomposition Products CO, CO2, HCL, COCl2

Hazardous Polymerization Will not occur.

Conditions to Avoid \_\_\_\_\_



SECTION 7 PERSONAL PROTECTIVE EQUIPMENT

<p>CHEMICAL SPLASH</p>  <p>GOOGLES</p>			

Ventilation Normal ventilation; limit concentration to TLV.

SECTION 8. SPILL OR LEAK PROCEDURES

Specific Steps to be Taken in Case Material is Released or Spilled Prevent contact with open flame. Small leaks: Mop, wipe, or soak up immediately and remove absorbent material out of doors. Large spills: Evacuate area; contain liquid and transfer to closed metal containers. Keep out of water supply.

Disposal Methods None needed; material will evaporate leaving very slight oily residue coating. For LARGE SPILLS: this is considered a toxic waste under RCRA 40 CFR 261.33. Incinerate or landfill in permitted hazardous waste facility.

SECTION 9 HANDLING & STORAGE

Where Stored In a cool, dry area. Where Used

Storage/Handling Precautions None necessary except to store away from open flame and in a cool, dry place. Don't torch cut drums which contain or have contained Rapid Tap until the fluid and vapors have been completely expelled.

Other Precautions Use with normally adequate ventilation, if no ventilation exists use full face mask with organic canister for levels up to 2% for ½ hr; above 2% use SCBA.

SECTION 10. SPECIAL INFORMATION FOR WORKING WITH SUBSTANCE

