

RELTON CORP -- ORIGINAL RAPID TAP

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MSDS Safety Information
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FSC: 9150
NIIN: 00-175-9154
MSDS Date: 05/01/2000
MSDS Num: CKVKN
Product ID: ORIGINAL RAPID TAP
MFN: 03
Responsible Party
Cage: 14332
Name: RELTON CORP
Address: 317 ROLYN PL
Box: 779
City: ARCADIA CA 91007-2838
Info P
Phone Number: 213-681-2551/800-423-1505
Emergency Phone Number: (800)424-9300

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Item Description Information
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Item Manager: S9G
Item Name: CUTTING FLUID
Specification Number: NONE
Type/Grade/Class: NONE
Unit of Issue: PT
UI Container Qty: A
Type of Container: CAN

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Ingredients
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Na
me: *** PROPRIETARY ***

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Health Hazards Data
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LD50 LC50 Mixture: NOT PROVIDED
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: NO
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: ACUTE: INHALATION: MINIMAL ANESTHETIC/NARCOTIC EFFECTS
(500-1,000 PPM TRICHLOROETHANE). HIGHER LEVELS MAY CAUSE DIZZINESS,
DRUNKENNESS, AND UNCO

ORDINATION. CONCENTRATIONS AS LOW AS 10,000 PPM CAN CAUSE UNCONSCIOUSNESS, IRREGULAR HEARTBEATS, AND EVEN DEATH. SKIN: DEFATTING, DRYING, AND SLIGHT IRRITATION. (ABSORPTION IS MINIMAL). EYES: TEMPORARY IRRITATION FROM VAPORS; LIQUID CAN CAUSE TEMPORARY IRRITATION AND SLIGHT CORNEAL INJURY. INGESTION: UNLIKELY ROUTE OF ENTRY. TOXICITY IS LOW. IF ASPIRATED, MAY CAUSE CHEMICAL PNEUMONIA, LIVER DAMAGE, NAUSEA, VOMITING, DIARRHEA, FATIGUE. CHRONIC: LIVER EFFECTS, FLAKING OF SKIN, CORNEAL INJURY.

Explanation Of Carcinogenicity: 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. 1,1,1-TRICHLOROETHANE DID NOT CAUSE CANCER IN LONG-TERM ANIMAL STUDIES, AND IS NOT ON THE OSHA, IARC, OR NTP CARCINOGEN LISTS.

Signs And Symptoms Of Overexposure: INHALATION: MINIMAL ANESTHETIC/NARCOTIC EFFECTS (500-1,000 PPM TRICHLOROETHANE). HIGHER LEVELS MAY CAUSE DIZZINESS, DRUNKENNESS, AND UNCOORDINATION. CONCENTRATIONS AS LOW AS 10,000 PPM CAN CAUSE UNCONSCIOUSNESS, IRREGULAR HEARTBEATS, AND EVEN DEATH. SKIN: DEFATTING, DRYING, AND SLIGHT IRRITATION. EYES: TEMPORARY IRRITATION FROM VAPORS; LIQUID CAN CAUSE TEMPORARY IRRITATION AND SLIGHT CORNEAL INJURY. INGESTION: IF ASPIRATED, MAY CAUSE CHEMICAL PNEUMONIA, LIVER DAMAGE, NAUSEA, VOMITING, DIARRHEA, FATIGUE.

Medical Cond Aggravated By Exposure: NOT PROVIDED

First Aid: INHALATION: REMOVE TO FRESH AIR. SKIN: WASH WITH SOAP AND WATER. EYE: FLUSH WITH WATER AND CALL DOCTOR. INGESTION: DO NOT INDUCE VOMITING; CALL DOCTOR; (DOCTOR: MAINTAIN ADEQUATE OXYGENATION; DO NOT GIVE SYMPATHOMIMETIC AMINES SUCH AS EPINEPHRINE, WHICH MAY CAUSE ARRHYTHMIA'S.)

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Handling and Disposal
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Spill Release Procedures: PREVENT CONTACT WITH OPEN FLAME. SMALL LEAKS: MOP, WIPE, OR SOAK UP IMMEDIATELY AND REMOVE ABSORBENT MATERIAL OUTDOORS. LARGE SPILLS: EVACUATE AREA; CONTAIN LIQUID AND TRANSFER TO CLOSED METAL CONTAINERS. KEEP OUT OF WATER SUPPLY.

Neutralizing Agent: NOT RELEVANT

Waste Disposal Methods: FOR SMALL AMOUNTS: NONE NEEDED; MATERIAL WILL EVAPORATE, LEAVING VERY SLIGHT OILY COATING. FOR LARGE AMOUNTS: CONSIDERED A TOXIC WASTE #U226 UNDER RCRA 40 CFR 261.33; INCINERATE OR LANDFILL IN PERMITTED HAZARDOUS WASTE FACILITY.

Handling And Storage Precautions: NONE NECESSARY-E

EXCEPT TO STORE AWAY FROM OPEN

FLAME AND IN A COOL, DRY PLACE. DO NOT TORCH-CUT DRUMS WHICH CONTAIN OR HAVE CONTAINED RAPID TAP UNTIL THE FLUID AND VAPORS HAVE BEEN COMPLETELY EXPELLED.
Other Precautions: USE WITH ADEQUATE VENTILATION.

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Fire and Explosion Hazard Information
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Flash Point Method: TCC

Flash Point: =72.2C, 162.F

Lower Limits: 8

Upper Limits: 10.5

Extinguishing Media: WAT

ER FOG

Fire Fighting Procedures: AVOID EXPOSURE TO OPEN FLAME; USE SELF-CONTAINED RESPIRATORY EQUIPMENT. HOWEVER, RAPID TAP IS NOT CONSIDERED A FLAMMABLE-LIQUID HAZARD IN NORMAL USE.

Unusual Fire/Explosion Hazard: PRODUCTS OF COMBUSTION IN OPEN FLAME: CO₂, CO, HCl, COCl₂.

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Control Measures
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Respiratory Protection: BELOW 350 PPM - NONE. IF NO ENVIRONMENTAL CONTROL EXISTS, USE FU

LL FACE MASK WITH ORGANIC CANISTER FOR LEVELS UP TO 2% FOR 1/2 HR. OR LESS. ABOVE 2% AND FOR EMERGENCIES, USE A SELF-CONTAINED BREATHING APPARATUS. NORMAL VENTILATION: LIMIT CONCENTRATION TO TLV.

Ventilation: LOCAL EXHAUST: AT POINT OF CUTTING-TOOL CONTACT. SPECIAL: NA MECHANICAL(GENERAL): NA OTHER : NA

Protective Gloves: NOT UNDER NORMAL USE, WHEN SKIN CONTACT IS MINIMAL.

Eye Protection: PROTECTIVE GOGGLES TO GUARD AGAINST SPLASHING.

Other Protective Equipment: NONE NEEDED

Work Hygiene

Practices: NOT PROVIDED

Supplemental Safety and Health: WARNING: CONTAINS METHYL CHLOROFORM, A SUBSTANCE WHICH HARMS PUBLIC HEALTH AND ENVIRONMENT BY DESTROYING OZONE IN THE UPPER ATMOSPHERE.

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Physical/Chemical Properties
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HCC: T4

NRC/State LIC No: NOT RELEVANT

Boiling Point: =72.2C, 162.F

M.P/F.P Text: NOT PROVIDED

Decomp Text: NOT PROVIDED

Vapor Pres: 100 @ 20C/68F

Vapor Density

: 4.6
Spec Gravity: 1.17
VOC Grams/Liter: 29
Viscosity: NOT PROVIDED
Evaporation Rate & Reference: 1.3(1,1,1-CL3ETHANE=1)
Solubility in Water: .07G/100G @25? C: SLIGHT
Appearance and Odor: LIQUID - CLEAR, AMBER; CINNAMON ODOR
Percent Volatiles by Volume: NOT PROVIDED
Corrosion Rate: NOT PROVIDED

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: EXPOSURE TO HIGH TEMPERATURE SOURCES (OPEN FLAME, WELDING ARCS, ETC.), WHICH INDUCE THERMAL DECOMPOSITION.
Materials To Avoid: AVOID MIXING WITH WATER (FORMS HCl) AVOID USE WITH ALUMINUM. AVOID CONTACT WITH CAUSTIC SODA OR OTHER STRONG ALKALI.
Hazardous Decomposition Products: PRODUCTS OF COMBUSTION IN OPEN FLAME: CO₂, CO, HCL, COCL₂
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: WILL NOT OCCUR.

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Toxicological Information
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Toxicological Information: LD50 FOR RATS RANGES FROM 7,950 TO 15,800 MG/KG. ABSORPTION IS MINIMAL IN ACUTE EXPOSURE; LD50 FOR RABBITS IS APPROXIMATELY 15,000 MG/KG FOR 1,1,1-TRICHLOROETHANE.

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Ecological Information
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Ecological: NOT PROVIDED
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MSDS Transport Information
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Transport Information: DOT: SHIPPING NAME: 1,1,1-TRICHLOROETHANE UN NUMBER: UN2831 HAZARD CLASS: 6.1 PACKAGING GROUP III
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Regulatory Information
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Sara Title III Information: ORIGINAL RAPIDTAP IS SUBJECT TO SARA SECTION 313 REPORTING.
Federal Regulatory Information: NFPA HAZARD RATING: HEALTH: 2; FIRE: 1; REACTIVITY: 0. HAZARD

RATINGS: HEALTH: 3; FIRE: 1; REACTIVITY: 1.

State Regulatory Information: CONTAINS NO CALIF. PROP. 65 SUBSTANCE.

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Other Information
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Other Information: INHALATION: CHRONIC OVEREXPOSURE HAS CAUSED LIVER TOXIC EFFECTS IN EXPERIMENTAL ANIMALS AND CONGESTION OF BRONCHIAL VESSELS AND PASSIVE CONGESTION THROUGHOUT THE LUNGS OF A HUMAN. TWO OF THREE STUDIES OF 1,1,1 -TRICHLOROETHANE INDICATED NO REPRODUCTIVE TOXICITY; THE THIRD STUDY NOTED DELAYS IN NORMAL DEVELOPMENT, BUT THESE DELAYS DID NOT AFFECT LATER LIFE. SKIN: MAY CAUSE IRRITATION, DRYING, OR FLAKING. ABSORPTION: MAY OCCUR FOR PROLONGED IMMERSION OF THE HAND. EYE: MAY CAUSE CORNEAL INJURY. INGESTION: ONLY ON AN ACUTE BASIS; CHRONIC INGESTION PROBLEMS ARE IMPROBABLE. PRIMARY PROBLEM IS ASPIRATION IF VOMITING OCCURS.

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Transportation Information
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Responsible Party Code: 14332

Trans ID NO: 155116

Product ID: ORIGINAL RAPID TAP

MSDS Prepared Date: 05/01/2000

Review Date: 06/18/2001

MFN: 3

Net Unit Weight: 1.2 LBS/CAN

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: PT

Container QTY: A

Type Of Container: CAN

Additional Data: PROPER SHIPPING NAME, UN ID NUMBER, HAZARD CLASS, AND PACKING GROUP PER MSDS. LIMITED QUANTITIES ARE EXEMPT FROM LABELING AND PLACARDING; UNLESS OFFERED FOR TRANSPORTATION BY AIR. SEE 49 CFR 173.153.

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Detail DOT Information
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DOT PSN Code: OQD

DOT Proper Shipping Name: 1,1,1-TRICHLOROETHANE

Hazard Class: 6.1

UN ID Num: UN2831

DOT Packaging Group: III

Label: KEEP AWAY FROM FOOD

Special Provision: N36,T7

Packaging Exception: 153

Non Bulk Pack: 203

Bulk Pack: 241

Max Qty Pass: 60 L

Max Qty Cargo: 220 L

Vessel Stow Req: A

Water/Ship/Other Req: 40

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Detail IMO Information
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IMO PSN Code: OVK
IMO Proper Shipping Name: 1,1,1-~~STR~~TRICHLOROETHANE
IMDG Page Number: 6272-1
UN Number: 2831
UN Hazard Class: 6.1
IMO Packaging Group: III
Subsidiary Risk Label: -
EMS Number: 6.1-02
MED First Aid Guide NUM: 340
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Detail IATA Information
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IAT
A PSN Code: YLY
IATA UN ID Num: 2831
IATA Proper Shipping Name: 1,1,1-~~STR~~TRICHLOROETHANE
IATA UN Class: 6.1
IATA Label: TOXIC
UN Packing Group: III
Packing Note Passenger: 605
Max Quant Pass: 60 L
Max Quant Cargo: 220 L
Packaging Note Cargo: 612
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Detail AFI Information
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AFI PSN Code: YLY
AFI Proper Shipping Name: 1,1,1-~~STR~~TRICHLOROETHANE
AFI Hazard Class: 6.1
AFI UN ID NUM: UN2831
AFI Packi
ng Group: III
Special Provisions: P5, N36
Back Pack Reference: A10.5
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HAZCOM Label
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Product ID: ORIGINAL RAPID TAP
Cage: 14332
Company Name: RELTON CORP
Street: 317 ROLYN PL
PO Box: 779
City: ARCADIA CA
Zipcode: 91007-2838
Health Emergency Phone: (800)424-9300
Label Required IND: Y
Date Of Label Review: 11/14/2001
Status Code: C
MFG Label NO: NOT PROVIDED
Origination Code: F
Chronic Haz

ard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: WARNING

Respiratory Protection IND: NO

Health Hazard: Moderate

Contact Hazard: Slight

Fire Hazard: Moderate

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS: N/P. FIRST AID: INHALATION: REMOVE TO FRESH AIR. SKIN: WASH WITH SOAP AND WATER. EYE: FLUSH WITH WATER AND CALL DOCTOR. INGESTION: DO NOT INDUCE VOMITING; CALL DOCTOR.

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is information by the compiling agencies): This

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