

RAWN CO INC -- CDC-82365800 HEAD CLEANER SOLVENT -- 7930-01-213-9285

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Product Identification  
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Product ID: CDC-82365800 HEAD CLEANER SOLVENT

MSDS Date: 06/22/1998

FSC: 7930

NIIN: 01-213-9285

MSDS Number: CKFDB

=== Responsible Party ===

Company Name: RAWN CO INC

Address: 1300 SOUTH RIVER STREET (HWY 53 S)

Box: 9

City: SPOONER

State: WI

ZIP: 54801

Country: US

Info Phone Num: 715-635-8711

Emergency Phon

e Num: 715-635-8711/715-635-1102-AFTER HRS

Preparer's Name: ROBERT M. EICHHONE

CAGE: 58225

==== Contractor Identification ====

Company Name: CONTROL DATA CORPORATION

Address: 4201 LEXINGTON AVE N

Box: City: SHOREVIEW

State: MN

ZIP: 55126-6198

Country: US

Phone: 651-415-4515

CAGE: 59661

Company Name: RAWN CO INC

Address: 1300 SOUTH RIVER STREET (HWY 53 S)

Box: 9

City: SPOONER

State: WI

ZIP: 54801

Country: US

Phone: 715-635-8711

CAGE: 58225

Company Name: TRIANGLE TOOL GROUP, INC.

CAGE: TRIAN

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Composition/In

formation on Ingredients =====

Ingred Name:1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA III)

CAS:76-13-1

RTECS #:KJ4000000

Other REC Limits:1250 PPM; 9500 MG/M3

OSHA PEL:1000PPM/1250STEL

ACGIH TLV:1000PPM/1250STEL9192

Ozone Depleting Chemical:1

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Other REC Limits:500 PPM; 1250 MG/M3

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

===== Hazards Identification =====

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LD50 LC50 Mixture:LD50(RAT) FOR CFC= 43,000 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES- MAY CAUSE IRRITATION. SKIN- MAY CAUSE MILD IRRITATION. PROLONGED OR REPEATED EXPOSURE MAY DRY THE SKIN. INHALATION-MAY CAUSE IRRITATION OF RESPIRATORY SYSTEM. VAPORS ARE HEAVIER THAN AIR AND CAN CAUSE SUFFOCATION BY REDUCING AVAILABLE OXYGEN. BREATHING HIGH CONCENTRATIONS O

F VAPORS MAY CAUSE

LIGHTHEADEDNESS, GIDDINESS, SHORTNESS OF BREATH, & MAY LEAD TO NARCOSIS, CARDIAC IRREGULARITIES, UN CONSIIOUSNESS OR DEATH.

INGESTION-ORAL TOXICITY IS LOW, MAY CAUSE GI TRACT IRRITATION.

Effects of Overexposure:EYES- SYMPTOMS MAY INCLUDE BURNING, TEARING, REDNESS & SWELLING. SKIN- SYMPTOMS MAY INCLUDE REDNESS, BURNING, DRYING OR CRACKING, AND SKIN BURNS. INHALATION- DIZZINESS, WEAKNESS FATIGUE NAUSEA, HEAD ACHE, AND POSSIBLE UNCONSCIOUSNESS. INGEST

ION-CAN SAUSE GASTROINTESTINAL IRRITATION, NAUSEA,VOMITING AND DIARRHEA.

Medical Cond Aggravated by Exposure:CARDIOVASCULAR DISEASES.

===== First Aid Measures =====

First Aid:EYES- FLUSH EYES FOR AT LEAST 15 MINUTES. GET MEDICAL HELP. SKIN: WASH EXPOSED AREA WITH SOAP AND WATER.IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION. INHALATION: REMOVE INDIVIDUAL TO FRESH AIR. IF BRE ATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING HAS STOPPED

GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION.  
INGESTION-NO INTERVENTION IS INDICATED. NO DO NOT INDUCE VOMITING,  
ASPIRATION HAZAR D. NOTE: DO NOT GIVE EPINEPHRINE OR SIMILAR DRUGS  
TO THE PATIENT.

===== Fire Fighting Measures =====

Flash Point:NONE  
Extinguishing Media:WATER FOG, DRY CHEMICAL, CO2, ALCOHOL FOAM.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND  
PROTECTIVE CLOTHING IF CONTAINERS FAIL AND RELEASE CONTENTS  
UNDER  
FIRE CONDITIONS. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY.  
Unusual Fire/Explosion Hazard:ADDITION OF EXCESS WATER WILL EXTRACT  
ISOPROPANOL AND MAY FORM A FLAMMABLE LAYER. TEMPERATURES IN FIRE  
CONDITIONS MAY DECOMPOSE MATERIAL, PRODUCING TOXICS.

===== Accidental Release Measures =====

Spill Release Procedures:ELIMINATE OPEN FLAMES, IGNITION SOURCES.  
VENTILATE AREA, TAKE UP SPILLED QUANTITIES ON AN INERT, ABSORBANT  
MATERIAL AND PLACE  
INTO AN APPROVED CLOSED TOP DRUM FOR DISPOSAL OR  
RECOVERY. KEEP SPILLS O UT OF SEWERS, SURFACE WATERS.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED  
PLACE AWAY FROM HIGH TEMPERATURES, OPEN FLAMES, INCOMPATIBLES AND  
OUT OF DIRECT SUNLIGHT. STORE BELOW 125F.  
Other Precautions:AVOID PROLONGED OR REPEATED BREATHING OF VAPORS, SKIN  
AND EYE CONTACT. DO NOT INGEST THE LIQUID. USE WITH ADE  
QUATE  
VENTILATION, KEEPING EXPOSURES BELOW ESTABLISHED TLVS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF TLV'S ARE EXCEEDED,WEAR A NIOSH APPROVED  
RESPIRATOR FOR ORGANIC VAPORS OR AN AIR-SUPPLIED RESPIRATOR IF USED  
IN CONFINED SPACES OR WITH POOR VENTILATION. FOR MANY  
APPLICATIONS, NORMAL ROOM VENTILA TION MAY BE ADEQUATE.  
Ventilation:LOCAL EXHAUST: WHEN LARGE AMOUNTS ARE RELEASED. MECHANICAL  
(GENERAL): USE IN LOW PLACES.

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Protective Gloves: BUTYL GLOVES.

Eye Protection: CHEMICAL SAFETY GOGGLES.

Other Protective Equipment: WEAR AN IMPERVIOUS APRON OR OTHER PROTECTIVE CLOTHING AS NEEDED TO PREVENT UNNECESSARY OR PROLONGED AND REPEATED SKIN CONTACT WITH THIS PRODUCT DURING USE.

Work Hygienic Practices: GENERAL HYGIENIC PRACTICES INCLUDE WASHING HANDS AFTER USE, BEFORE EATING, DRINKING OR SMOKING WITH SOAP AND WATER. NO EATING, DRINKING OR SMOKING AT POINT OF USE.

Supplemental Safety and Health

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===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt: =47.2C, 117.F

Vapor Pres: 200

Vapor Density: 2.7

Spec Gravity: 1.20(H<sub>2</sub>O=1)

Evaporation Rate & Reference: >1

Solubility in Water: 48% MISCIBLE IN WATER

Appearance and Odor: CLEAR COLORLESS LIQUID, ALCOHOL ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

AVOID CONTACT WITH ALKALI AND ALKALINE EARTH METALS, POWDERED AL, ZN, BE AND SO FORTH

Stability Co

Condition to Avoid: THOUGH STABLE, AVOID CONTACT WITH HIGH TEMPERATURE, OPEN FLAME, SPARKS,

Hazardous Decomposition Products: HYDROCHLORIC AND HYDROFLUORIC ACIDS, POSSIBLY CARBONYLHALIDES.

===== Ecological Information =====

Ecological: WARNING! CFC-113, A SUBSTANCE WHICH HARMS PUBLIC HEALTH AND ENVIRONMENT BY DESTROYING OZONE IN THE UPPER ATMOSPHERE.

===== Disposal Considerations =====

Waste Disposal Methods: COMPLY WITH

ALL FEDERAL, STATE AND LOCAL REGULATIONS. CONSULT AUTHORITIES TO OBTAIN PROPER DISPOSAL PROCEDURES. WASTE MAY BE RECLAIMED OR INCINERATED BY FEDERALLY PERMITTED FACILITY.

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===== Regulatory Information =====

SARA Title III Information: THIS PRODUCT CONTAINS THE FOLLOWING LISTED CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SEC 313 ( 40 CFR 372 ): TRICHLOROTRIFLUOROETHANE CAS# 76-13-1 (5-52%).

Federal Regulatory Information: THE INGREDIENTS OF THIS PRODUCT ARE ON THE TSCA INVENTORY.

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