

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

===== Product Identification =====

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

===== 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 OF

VAPORS MAY CAUSE

LIGHTHEADEDNESS, GIDDINESS, SHORTNESS OF BREATH, & MAY LEAD TO NARCOSIS, CARDIAC IRREGULARITIES, UNCONSCIOUSNESS 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 CAUSE 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 BREATHING 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.

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(H₂O=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.

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

SARA Title III Information:THIS PRODUCT CONTANS 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 INGREDIEN
TS OF THIS PRODUCT ARE ON
THE TSCA INVENTORY.

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