

TECH SPRAY INC. -- 2410 AEROSOL ENVI-RO-TECH KLEEN-IT -- 6850-01-453-5703

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

Product ID:2410 AEROSOL ENVI-RO-TECH KLEEN-IT

MSDS Date:10/01/1997

FSC:6850

NIIN:01-453-5703

MSDS Number: CGXJB

=== Responsible Party ===

Company Name:TECH SPRAY INC.

Address:88 HUGHES STREET

Box:949

City:AMARILLO

State:TX

ZIP:79105

Country:US

Info Phone Num:800-692-4677 OR 800-858-4043

Emergency Phone Num:806-372-8523

Resp. Party Other MSDS Num.:2410

P

reparer's Name:B. RIFFEL

Chemtrec Ind/Phone:(800)424-9300

CAGE:54700

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

Contract Num:SP0450-00-M-D928

CAGE:4N760

Company Name:OMEGA ELECTRONICS

Address:95 HARTFORD AVE

Box:City:SAN CARLOS

State:CA

ZIP:94070

Country:US

Phone:650-591-2510

Contract Num:SP0450-01-M-D171

CAGE:7W657

Company Name:TECH SPRAY INC

Address:1001

NW 1ST
Box:949
City:AMARILLO
State:TX
ZIP:79105-0949
Country:US
Phone:806-372-8523
Contract Num:SP0450-99-M-NB46
CAGE:54700

===== Composition/Information on Ingredients =====

Ingred Name:DICHLOROFLUOROETHANE (SARA 313)
CAS:1717-00-6
RTECS #:KI0997000
Minumum % Wt:80.
Maxumum % Wt:90.
Other REC Limits:500 PPM (SUPPLIER)
Ozone Depleting Chemical:2

Ingred Name:ETHYL ALCOHOL, ; DENATURED WITH METHANOL
CAS:64-17-5
RTECS #:KQ6300000
= Wt:8.5
Other REC Limits:NONE RECOMMENDED
OSHA
PEL:1000 PPM
ACGIH TLV:1000 PPM

Ingred Name:METHANOL (SARA 313) (CERCLA)
CAS:67-56-1
RTECS #:PC1400000
= Wt:1.4
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S, 200 PPM
ACGIH TLV:S,200PPM/250STEL; 96
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:SILICONE LUBRICANT BLEND
Fraction by Wt: NP
Other REC Limits:NONE RECOMMENDED

Ingred Name:CARBON DIOXIDE-PROPELLANT
CAS:124-38-9
RTECS #:FF6400000
= Wt:3.5
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5000 PPM
ACGIH TLV:5000PPM/30000STEL;96

=====

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

Health Hazards Acute and Chronic:INHALATION:MAJOR ROUTE OF EXPOSURE.VAPOR HEAVIER THAN AIR,CAN CAUSE SUFFOCATION BY REDUCING AVAILABLE OXYGEN FOR BREATH. INHALING HIGH CONCENTRATIONS IN CONFINED AREA MAY BE FATAL. EYE: LIQUID IRRITATES, MAY CAUSE CONJUNCTIVITIS.SKIN:NOT A CORROSIVE OR IRRITANT; HOWEVER, REPEATED

OR PROLONGED EXPOSURE CAN CAUSE DEFATTING OF SKIN. INGESTION: IF VOMITING OCCURS, ASPIRATION MAY OCCUR, CAUSING CHEMICAL PNEUMONIA & SYSTEMIC EFFECTS. HUMAN PSYCHOTROPIC, GASTROINTESTINAL AND CNS EFFECTS POSSIBLE. LARGE QUANTITIES COULD CAUSE BLINDNESS DUE TO METHANOL CONTENT.

Explanation of Carcinogenicity:NOT PROVIDED BY MANUFACTURER

Effects of Overexposure:BREATHING HIGH VAPOR CONCENTRATIONS MAY CAUSE LIGHT-HEADEDNESS,GIDDINESS,SHORTNESS OF BREATH, CONFUSION, MAY LEAD

TO NARCOSIS, IRREGULAR HEARTBEATS,UNCONSCIOUSNESS.

Medical Condition Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION: MOVE TO FRESH AIR. IF VICTIM HAS STOPPED BREATHING, GIVE ARTIFICIAL RESPIRATION.CALL FOR PROMPT MEDICAL ATTENTION. EYE:FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES OR UNTIL IRRITATION SUBSIDES. IF IRRITATION PERSISTS GET MEDICAL ATTENTION.SKIN:REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. FLUSH WITH LARGE AMOUNTS OF WATER. USE SOAP IF AVAILABLE. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING UNLESS DIRECTED BY PHYSICIAN. IF CONSCIOUS AND ALERT, GIVE TWO GLASSES OF WATER. SEEK MEDICAL ATTENTION.

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

Flash Point:NON-FLAMMABLE

Lower Limits:N/E

Upper Limits:N/E

Extinguishing Media:WATER, FOAM, DRY CHEMICAL, CARBON DIOXIDE.

Fire Fighting Personnel

rocedures:FIREFIGHTERS SHOULD WEAR SELF CONTAINED
POSITIVE-PRESSURE BREATHING APPARATUS AND AVOID CONTACT WITH FUMES
WHICH COULD CONTAIN HYDROCHLORIC AND HYDROFLUORIC ACID.
Unusual Fire/Explosion Hazard:AEROSOL CANS MAY ERUPT WITH FORCE AT
TEMPERATURES ABOVE 120F. HAZARDOUS COMBUSTION PRODUCTS: SMOKE,
FUMES AND OXIDES OF CARBON.

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

Spill Release Procedures:EVACUATE AREA.VENTILATE AREA WELL AND AVOID
BREATHING
VAPORS.VAPOR CONCENTRATION WILL BE HIGHEST ALONG FLOOR &
IN LOW LYING AREAS. PICKUP LIQUID ON SUITABLE ABSORBENT & STORE IN
SEALED CONTAINERS. SH UT OFF FIRE SOURCES. WORKERS SHOULD WEAR
PROPER EQUIPMENT TO WORK IN CLEANUP AREA.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORAGE
TEMP/PRESSURE:AMBIENT/ATMOSPHERIC.KEEP CONTAINER CLOSED WHEN NOT IN
USE.STORE IN COOL WE
LL VENTILATED PLACE OUT OF DIRECT SUNLIGHT &
AWAY FROM INCOMPATIBLE MATERIALS.
Other Precautions:FOLLOW ALL MSDS & LABEL WARNINGS EVEN AFTER CONTAINER
IS EMPTIED.

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

Respiratory Protection:IF CONCENTRATIONS ARE OVER EXPOSURE LIMIT AND
ARE UNKNOWN, AIR PURIFYING RESPIRATOR WITH ORGANIC VAPOR CARTRIDGES
MAY BE ACCEPTABLE.REFER TO CARTRIDGES FOR ACCEPTABLE LEVELS. IF
CONCENTRATIONS ARE OV ER EXPOSURE LIMIT AND
ARE UNKNOWN, USE
SUPPLIED AIR RESPIRATOR.
Ventilation:LOCAL EXHAUST VENTILATION ACCEPTABLE.
Protective Gloves:SOLVEX GLOVES
Eye Protection:SAFETY GLASSES
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:WASH CONTAMINATED CLOTHING BEFORE REUSE
Supplemental Safety and Health
PRODUCT NUMBER: 2410 AEROSOL.

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

HCC:V2
Boiling Pt.=35.C, 95.F
Vapor Pres:NP
Spec Gravity:1.21
VOC Pounds/Gallon:93
Evap

oration Rate & Reference:>1 (H2O=1)
Solubility in Water:10
Appearance and Odor:CLEAR WATER-WHITE MOBILE LIQUID WITH SLIGHT
ETHEREAL ODOR.
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
REACTIVE ALKALI METALS, STRONG ACIDS & BASES.
Stability Condition to Avoid:CONTACT WITH OPEN FLAME, HEAT.
Hazardous Decomposition Products:HYDROGEN CHLORIDE, PHOSGENE, CHLORINE,
CARBON DIOXIDE, AND CARBON
MONOXIDE.

===== Toxicological Information =====

Toxicological Information:INFORMATION NOT AVAILABLE

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

Ecological:INFORMATION NOT AVAILABLE

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

Waste Disposal Methods:LOCAL, STATE AND FEDERAL LAWS GOVERNING DISPOSAL
OF MATERIALS CAN DIFFER.ENSURE PROPER DISPOSAL COMPLIANCE WITH
PROPER AUTHORITIES BEFORE DISPOSAL. NO CERCLA/SU
PERFUND CHEMS.SEC
313 TOXIC CHEM/40CFR37 2:DICHLOROFLUOROETHANE;METHANOL.

===== MSDS Transport Information =====

Transport Information:US DOT: PROPER SHIPPING NAME: CONSUMER COMMODITY
ORM-D. HAZARD CLASS: N/A. PACKAGING GROUP: N/A. UN NUMBER: N/A.
LIMITATIONS: N/A. IATA: PROPER SHIPPING NAME: CONSUMER COMMODITY ID
8000. HAZARD CLASS 9. PACKING GROUP: N/A. UN NUMBER: ID8000.
LIMITATIONS: FOR DOMESTIC SHIPMENTS ONLY WHEN SHIPPING
INTERNATIONA
L CONTACT THE TECH SPRAY SHIPPING DEPARTMENT. CARGO
AIRCRAFT ONLY. IMO: PROPER SHIPPING NAM E: AEROSOLS. CLASS: 2.2. UN
NUMBER: UN1950. PACKING GROUP: N/A. EMS: 2-13. MFAG: 306. MARINE
POLLUTANT: N/A. CANADIAN TDG: N/A. IMDG: 2102.

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

SARA Title III Information:SECTION 311/312: BY OUR HAZARD EVALUATION,
THIS PRODUCT IS HAZARDOUS: IMMEDIATE (ACUTE) HEALTH HAZARD. THIS
PRODUCT CONTAINS THE FOLLOWING CHEMICALS (

AT LEVELS OF 1% OR MORE)
COVERED BY SECTION 313 OF SARA TITLE III:DICHLOROFLUOROETHANE
80-90%

Federal Regulatory Information:ALL SUBSTANCES ARE LISTED ON THE TOXIC
SUBSTANCE CONTROL ACT (TSCA) CHEMICAL SUBSTANCE INVENTORY.

State Regulatory Information:THIS PRODUCT DOES NOT CONTAIN ANY
COMPONENTS THAT ARE REGULATED UNDER THE STATE OF CALIFORNIA
PROPOSITION 65.

===== Other Information =====

Disclaimer (provided with this information by
the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.