

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: CJKRT

=== 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

Eme

rgency Phone Num:806-372-8523

Resp. Party Other MSDS Num.:PRODUCT NUMBER: 2410-12S

Preparer'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: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-NB44
CAGE:54700
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-NE60
CAGE:54700
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-NK49
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 (ETHANOL)
CAS:64-17-5
RTECS #:KQ6300000
= Wt:8.5
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM;

Ingred Name:DENATURED WITH 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
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:SILICONE LUBRI

CANT BLEND

Other REC Limits:NONE RECOMMENDED

Ingred Name:PROPELLANT CARBON DIOXIDE

CAS:124-38-9

RTECS #:FF6400000

= Wt:3.5

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5000 PPM

Code:F

ACGIH TLV:5000PPM

Code:F

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

LD50 LC50 Mixture:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Health Hazards Acute and Chronic:INHALATION OF HIGH CONCENTRATIONS IN A CLOSELY CONFINED AREA MAY BE FATAL OR CAUSE CNS EFFECTS. EYES: LIQUID CONTACT WILL I

RRITATE EYES AND MAY CAUSE CONJUNCTIVITIS.

SKIN: REPEATED OR PROLONGED EXPOSU RE CAN CAUSE DEFATTING OF SKIN.

INGESTION: SINGLE DOSE TOXICITY IS LOW TO MODERATE. IF VOMITING OCCURS THE LIQUID CAN BE ASPIRATED INTO LUNGS, WHICH CAN CAUSE CHEMICAL PNEUMONIA AND SYSTEMIC EFFECTS. HUMAN PSYCHOTROPIC, GASTROINTESTINAL % CNS EFFECTS POSSIBLE. LARGE QUANTITIES CAN CAUSE BLINDNESS.

Explanation of Carcinogenicity:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Effects of Overexposure:BRE

ATHING HIGH CONCENTRATIONS OF VAPOR MAY

CAUSE LIGHT-HEADEDNESS, GIDDINESS, SHORTNESS OF BREATH, CONFUSION, AND MAY LEAD TO NARCOSIS, CARDIAC IRREGULARITIES, OR UNCONSCIOUSNESS. INHALATION OF HIGH CONCENTRATIONS IN A CLOSELY CONFINED AREA MAY BE FATAL. EYES: LIQUID CONTACT WILL IRRITATE EYES AND MAY CAUSE CONJUNCTIVITIS. SKIN: NOT A CORROSIVE OR IRRITANT; HOWEVER, REPEATED OR PROLONGED EXPOSUR E CAN CAUSE DEFATTING OF SKIN. INGESTION: SINGLE DOSE TOXICITY IS LOW T

O MODERATE. IF

VOMITING OCCURS THE LIQUID CAN BE ASPIRATED INTO LUNGS, WHICH CAN CAUSE CHEMICAL PNEUMONIA AND SYSTEMIC EFFECTS .

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE CONTACT: FLUSH EYES WITH LARGE AMOUNT OF WATER FOR 15 MINUTES OR UNTIL IRRITATION SUBSIDES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND SHOES. WAS

H BEFORE REUSE. FLUSH SKIN WITH LARGE AMOUNT OF WATER.
USE SOAP IF AVAILABLE. IF IRRITATION PERSISTS, SEEK MEDICAL
ATTENTION. INHALATION: REMOVE TO FRESH AIR IN CASE OF ACCIDENTAL
INHALATION OF VAPORS . IF VICTIM HAS STOPPED BREATHING, GIVE
ARTIFICIAL RESPIRATION. CALL FOR PROMPTMEDICAL ATTENTION.
INGESTION: DO NOT INDUCE VOMITING UNLESS DIRECTED BY PHYSICIAN. IF
CONSCIOUS, GIVE 2 GLASSES OF WATER. SEEK MEDICAL ATTENTION
IMMEDIATELY.

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

Flash Point:NON-FLAMMABLE
Autoignition Temp:Autoignition Temp Text:NP
Lower Limits:NE
Upper Limits:NE
Extinguishing Media:WATER, FOAM, DRY CHEMICAL, CARBON DIOXIDE.
Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR SELF CONTAINED
POSITIVE-PRESSURE BREATHING APPARATUS & AVOID CONTACT WITH FUMES
WHICH COULD CONTAIN HYDROCHLORIC & HYDROFLUORIC ACIDS.
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
AND IN LOW LYING AREAS. PICKUP LIQUID ON SUITABLE ABSORBENT AND
STORE IN SEALED CONTAINRS . SHUT OFF FIRE SOURCES. WORKERS
SHOULDWEAR PROPER EQUIPMENT TO WORK IN CLEANUP AREA.
Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Handling and Storage Precautions:STORE AT AMBIENT TEMPERATURE AND
ATMOSPHERIC PRESSURE. KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE
IN COOL, WELL VENTILATED PLACE OUT OF DIRECT SUNLIGHT AND AWAY FROM
INCOMPATIBLE MATERIALS.
Other Precautions:FOLLOW ALL MSDS AND LABEL WARNINGS EVEN AFTER
CONTAINER IS EMPTIED.

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

Respiratory Pro

tection:IF CONCENTRATIONS ARE OVER THE EXPOSURE LIMIT
AND ARE KNOWN, AIR PURIFYING RESPIRATOR WITH ORGANIC VAPOR
CARTRIDGES MAY BE ACCEPTABLE. REFER TO CARTRIDGES FOR ACCEPTABLE
LEVELS. IF CONCENTRATIONS ARE OVER 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:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Work Hygienic Practices:OBSER

VE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. WASH AFTER HANDLING AND BEFORE EATING,
DRINKING OR SMOKING.

Supplemental Safety and Health

NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

HCC:V2

Boiling Pt:=35.C, 95.F

Melt/Freeze Pt:M.P/F.P Text:NIF

Vapor Pres:NP

Vapor Density:NIF

Spec Gravity:1.21

VOC Pounds/Gallon:93

pH:NA

Viscosity:NA

Evaporation Rate & Reference:>1, H2O=1

Solubility in Water:10

Appearan

ce and Odor:CLEAR WATER-WHITE MOBILE LIQUID WITH SLIGHT
ETHEREAL ODOR

Percent Volatiles by Volume:100

Corrosion Rate:NP

===== 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 Informat

ion =====

Toxicological Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== 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.

===== MSDS Transport Information =
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Transport Information:DOT: CONSUMER COMMODITY ORM-D. IATA: CONSUMER COMMODITY ID8000. IMO: AEROSOLS.

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

SARA Title III Information:IMMEDIATE (ACUTE) HEALTH HAZARD THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS (AT LEVELS OF 1% OR MORE) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT (EPCRA) OF 1986 AND 40 CFR PART 372.

: CAS: 1717-00-6 DICHLOROFLUOROETHANE:
80-90%.

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

State Regulatory Information:NONE OF THE CHEMICALS ARE ON THE PROPOSITION 65 LIST.

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