

TECH SPRAY, INC. -- 1671 AEROSOL, ENVI-RO-TECH DUSTER -- 6850-01-412-0040

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

Product ID:1671 AEROSOL, ENVI-RO-TECH DUSTER

MSDS Date:01/14/1997

FSC:6850

NIIN:01-412-0040

Status Code:A

MSDS Number: CJYYM

=== Responsible Party ===

Company Name:TECH SPRAY, INC.

Box:949

City:AMARILLO

State:TX

ZIP:79105-0949

Country:US

Info Phone Num:806-372-8523

Emergency Phone Num:806-

372-8523

Resp. Party Other MSDS Num.:NONE

Preparer's Name:R. PRICHARD

Chemtrec Ind/Phone:(800)424-9300

CAGE:54770

=== Contractor Identification ===

Company Name:TECH SPRAY, INC.

Box:949

City:AMARILLO

State:TX

ZIP:79105-0949

Country:US

Phone:806-372-8523

CAGE:54770

Company Name:TELECHEM INTERNATIONAL, INC

Address:524 E WEDDELL DRIVE SUITE 3

Box:City:SUNNYVALE

State:CA

ZIP:94089-2115

Country:US

Phone:916-941-3688

Contract Num:SP0450-00-M-D396

CAGE:1KH20

===== Composition/Information on I

Ingredients =====

Ingred Name:1,1,1,2-TETRAFLUOROETHANE

CAS:811-97-2

= Wt:100.

Other REC Limits:SUPPLIER TWA=1000PPM

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

LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:INHALATION: MAJOR POTENTIAL ROUTE OF EXPOSURE. BLOOD PRESSURE DEPRESSION, CARDIAC SENSITIZATION AND VENTRICULAR ARRHYTHMIA RESULTS FROM EXPOSURE TO NEAR-ANESTHETIC

LEVELS. EYES: LIQUID CAN CAUSE SLIGHT IRRITATION WITH SLIGHT TEMPORARY CORNEAL INJURY. SKIN: REPEATED/PROLONGED CONTACT CAN CAUSE FREEZING OF SKIN TISSUES, DEFATTING AND DERMITITIS.

INGESTION:SINGLE DOSE TOXICITY IS LOW TO MODERATE. VOMITING CAN CAUSE ASPIRATION TO LUNGS, WHICH CAN CAUSE CHEMICAL PNEUMONIA AND SYSTEMIC EFFECTS.

Effects of Overexposure:INHALATION: DIZZINESS, DROWSINESS, THROAT IRRITATION, UNCONSCIOUSNESS AND DEATH; BLOOD PRESSURE DEPRESSION,

CARDIAC SENSITIZATION, VENTRICULAR ARRHYTHMIA. EYES IRRITATION, SKIN: FREEZING OF SKIN TISSUES, DEFATTING, AND DERMITITIS.

INGESTION: CHEMICAL PNEUMONIA, SYSTEMIC EFFECTS, HUMAN PSYCHOTROPIC, GASTROINTESTINAL, AND CENTRAL NERVOUS SYSTEM EFFECTS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER

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

First Aid:INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. GET MEDICAL ATTENTION.

EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES OR UNTIL IRRITATION SUBSIDES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING/SHOES AND WASH BEFORE REUSE. FLUSH SKIN WITH LARGE AMOUNTS OF WATER. USE SOAP IF AVAILABLE. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING UNLESS DIRECTED BY A PHYSICIAN. IF CONSCIOUS AND ALERT, GIVE 2 GLASSES OF WATER. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:NONE

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

Fire Fighting Procedures:AEROSOL CANS MAY ERUPT WITH FORCE AT TEMPERATURES ABOVE 120F. FIREFIGHTERS SHOULD WEAR SELF-CONTAINED, POSITIVE PRESSURE BREATHING APPARATUS AND AVOID SKIN CONTACT.

Unusual Fire/Explosion Hazard: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. PICK UP LIQUID ON SUITABLE ABSORBENT AND STORE IN SEALED CONTAINERS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER

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

Handling and Storage Precautions:STORAGE TEMPERATURE: AMBIENT. STORAGE PRESSURE: ATMOSPHERIC. GENERAL: KEEP CONTAINER CLOSED. STORE IN COOL, WELL VENTILATED PLACE OUT OF DIRECT SUNLIGHT AND AWAY FROM INCOMPATIBLE MATERIALS. FOLLOW ALL MSDS AND LABEL WARNINGS EVEN AFTER CONTAINER IS EMPTY.

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

Respiratory Protection:CONCENTRATIONS OVER TLV USE AIR PURIFYING RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE. REFER TO CARTRIDGES FOR ACCEPTABLE LEVELS. IF CONCENTRATIONS ARE OVER TLV BUT ARE UNKNOWN, USE A SUPPLIED AIR RESPIRATOR.

Ventilation:LOCAL EXHAUST VENTILATION ACCEPTABLE.

Protective Gloves:SOLVEX, BUTYL, NATURAL LATEX, NEOPRENE, BUNA, COTTON-JERSEY GLOVES.

Eye Protection:SAFETY GLASSES.

Work Hygienic Practices:LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

TECHSPRAY P/N:1671-105

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

HCC:V2

Boiling Pt:=-32.6C, -27.F

Vapor Density:3.0

pH:7-8

Evaporation Rate & Reference:>1(H2O=1)

Solubility in Water:0

Appearance

ce and Odor: CLEAR WATER-WHITE LIQUID WITH LOW ODOR.

DENSITY: 1.202

Percent Volatiles by Volume: 100%

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

Stability Indicator/Materials to Avoid: YES

REACTIVE ALKALI METALS, STRONG ACIDS AND BASES.

Stability Condition to Avoid: CONTACT WITH OPEN FLAMES, AND HEAT.

Hazardous Decomposition Products: SMOKE, FUMES, HYDROGEN FLUORIDE,
CARBON DIOXIDE, CARBON MONOXIDE.

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

Toxicological Information: THIS PRODUCT DOES NOT CONTAIN ANY COMPOUNDS LISTED BY NTP OR IARC OR REGULATED BY OSHA AS A CARCINOGEN.

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

Ecological: INFORMATION NOT AVAILABLE.

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

Waste Disposal Methods: RCRA 40 CFR 261 CLASSIFICATION: FEDERAL, STATE, AND LOCAL LAWS GOVERNING DISPOSAL OF MATERIALS CAN DIFFER. ENSURE PROPER DISPOSAL COMPLIANCE WITH PROPER AUTHORITIES BEFORE DISPOSAL.

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

Transport Information: DOT INFORMATION: PROPER SHIPPING NAME: CONSUMER COMMODITY ORM-D. (MUST PLACE CONSUMER COMMODITY ORM-D ON BOX. IATA: CONSUMER COMMODITY, ID 8000, HAZARD CLASS 9. A COPY OF THE DOT-E-10232 MUST BE ATTACHED TO THE SHIPMENT. CARGO AIRCRAFT ONLY. DOMESTIC SHIPMENT ONLY. WHEN SHIPPING INTERNATIONAL CONTACT TECH SPRAY SHIPPING DEPT. IMO: AEROSOLS, CLASS 2.2, UN 1950. MUST HAVE NON-FLAMMABLE LABEL.

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

SARA Title III Information: SECTION 302: EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355): NONE OF THE CHEMICALS. SECTION 311/312: MATERIAL SAFETY DATA SHEET REQUIREMENTS (40 CFR 355): THIS PRODUCT IS HAZARDOUS. IT SHOULD BE REPORTED UNDER THE FOLLOWING EPA HAZARD: IMMEDIATE (ACUTE) HEALTH HAZARD. SECTION 313: LIST OF TOXIC CHEMICALS (40 CFR 372): THIS PRODUCT CONTAINS

NS THE FOLLOWING

CHEMICALS (AT LEVELS OF 1% OR GREATER) WHICH AR E FOUND ON THE 313 LIST OF TOXIC CHEMICALS: NONE ALL SUBSTANCES ARE TSCA LISTED..

Federal Regulatory Information:CERCLA/SUPERFUND, 40 CFR 117, 302; NONE OF THE CHEMICALS ARE SUPERFUND HAZARDS.

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

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

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