

TERAND INDUSTRIES INC -- CONTACT CLEANER AEROSOL -- 6850-00-360-6588

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Product Identification
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Product ID:CONTACT CLEANER AEROSOL

MSDS Date:04/30/1990

FSC:6850

NIIN:00-360-6588

MSDS Number: BQSDX

=== Responsible Party ===

Company Name:TERAND INDUSTRIES INC

Box:9947

City:FT LAUDERDALE

State:FL

ZIP:33310

Country:US

Info Phone Num:305-974-5440

Emergency Phone Num:305-974-5440

CAGE:OO296

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Contractor Identification ===

Company Name:TERAND INDUSTRIES, INC.

Box:9947

City:FT. LAUNDERDALE

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Composition/Information on Ingredients
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Ingred Name:ETHANE, 1,1,2-TRICHLORO-1,2,2-TRIFLUORO-;
(TRICHLOROTRIFLUOROETHANE)

CAS:76-13-1

RTECS #:KJ4000000

Fraction by Wt: 60-70%

OSHA PEL:1000 PPM;1250 STEL

ACGIH TLV:1000 PPM;1250 STEL

Ozone Depleting Chemical:1

Ingred Name:METHANE, CHLORODIFLUORO-;(CHLORODIFLUOROMETHANE)

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(PROPELLANT)
CAS:75-45-6
RTECS #:PA6390000
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM
Ozone Depleting Chemical:2

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHAL:MINIMAL EFTS BELOW 1000 PPM;
DIZZ, DROWSINESS & THROAT IRRIT AT LEVELS ABOVE 1000 PPM.
SKIN:PRLNGD/RPTD CNTCT CA
N CAUSE IRRIT, DEFAT & DERM.
INGEST:SLIGHTLY TOX. INGEST OF LG QTYS MAY CAUSE DROW SINESS & LOSS
OF CONCIOUSNESS. STOMACH CRAMPS, PAIN, NAUS, VOM & DIARR. EYES:CAN
CAUSE SLIGHT TO MOD (EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:HLTH HAZ:IRRIT W/POSS CORNEA INJURY.
CHLOROFLUOROCARBON (CFC) MATLS HAVE PRODUCED SENSIT OF MYOCARDIUM
TO EPINEPHRINE IN LAB ANIMALS & COULD HAVE SIMILAR EFTS IN
HUMANS.ADRENOMIMETICS (E.G., EPINEPHRI NE) M
AY BE CONTRAINDICATED
EXCEPT FOR LIFE-SUSTAINING USES IN HUMANS ACUTELY/CHRONICALLY EXPOS
TO CHLOROCARBONS .
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES/SKIN:FLUSH EYES WITH WATER, LIFTING UPPER AND LOWER
LIDS. GET MEDICAL ATTENTION. WASH EXPOSED SKIN AREAS WITH SOAP AND
WATER. INHAL:REMOVE TO FRESH AIR. IF BREATHING STOPS GIVE
ARTIFICIAL RESPIRA TION. GET MEDICAL ATT
ENTION. INGEST:GIVE TWO
GLASSES OF WATER AND INDUCE VOMITING. GET MEDICAL ATTENTION
IMMEDIATELY.

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

Flash Point:NON-FLAMMABLE
Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE
Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP.
KEEP CNTNRS COOL. USE EQUIP/SHIELDING TO PROTECT PERSONEL AGAINST
BURSTING, RUPTURING OR VENT CONTAINERS.
Unusual Fire/Explosion Hazard:AT ELEVATED (ABOVE 120F) CO

CONTAINERS MAY

LEAK, LEAK, RUPTURE OR BURST. THERM DECOMP PRODS MAY CONTAIN CHLORIDES,
FLUORIDES & PHOSGENE .

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

Spill Release Procedures:CLEAN UP AREA BY MOPPING OR WITH ABSORBENT
MATERIALS AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL. CONTACT
FEDERAL, STATE, AND LOCAL AUTHORITIES FOR APPROVED DISPOSAL
PROCEDURES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====
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Handling and Storage Precautions:DO NOT STORE AT TEMPERATURES ABOVE
120F.

Other Precautions:PLEASE READ AND FOLLOW THE DIRECTIONS ON THE PRODUCT
LABEL:THEY ARE YOUR BEST GUIDE TO USING THIS PRODUCT IN THE MOST
EFFECTIVE WAY AND THEY ALSO GIVE THE NECESSARY SAFETY PRECAUTION TO
PROTECT YOUR HEALTH.

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

Respiratory Protection:NIOSH/MSHA APPROVED ORGANIC VAPOR TYPE
RESPIRATOR ACCEPTABLE IF CONCENT
RATION IS ABOVE 1000 PPM.

Ventilation:DO NOT USE IN CONFINED SPACES.

Protective Gloves:VITON, PVC & PVA GLOVES MAY BE WORN.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:DON'T EAT, DRINK OR SMOKE IN WORK AREA. WASH
HANDS BEFORE EATING.

Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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

Boiling Pt:B.P. Text:117F,47C

Vapor Pres:75PSIG

@75F

Vapor Density:6.7

Spec Gravity:1.57 (H*2O=1)

Solubility in Water:SLIGHT

Appearance and Odor:CLEAR WATER WHITE LIQUID/CHARACTERISTIC ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ALKALI METALS, ALKALINE EARTH METALS, POWDERED ALUMINUM BERYLIUM ETC.

Stability Condition to Avoid:DO NOT EXPOSE TO TEMPERATURES ABOVE 120F.

Hazardous Decomposition Products:CAN NOT OCCUR. CHLORIDES, FLUORIDES & PHOSGENE .

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

Waste Disposal Methods:WHEN USED PROPERLY AEROSOL PRODS DO NOT GENERATE HAZ WASTE. EMPTY DE-PRESSURIZED CNTNRS CAN NOT BE REUSED & SHOULD BE WRAPPED & PUT IN PERMITTED WASTE MANAGEMENT FACILITY. CONSULT FEDERAL, STATE, AND LOCAL DISPOSAL AUTHORITIES FOR APPRVD PROCEDURES.

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