

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

Product ID:ECOLINK 2005 AEROSOL, CFC-FREE CONTACT CLEANER

MSDS Date:09/22/1997

FSC:6850

NIIN:01-386-8415

Status Code:A

MSDS Number: CJPMX

=== Responsible Party ===

Company Name:ECOLINK INC

Address:1481 ROCK MOUNTAIN BLVD

City:STONE MOUNTAIN

State:GA

ZIP:30083

Country:US

Info Phone Num:800-886-8240/770-621-8240

Emergency Phone Num:800-886-8240 OR

404-621-8240

CAGE:0WU71

=== Contractor Identification ===

Company Name:ECOLINK INC

Address:1481 ROCK MOUNTAIN BLVD

Box:City:STONE MOUNTAIN

State:GA

ZIP:30083-1505

Country:US

Phone:800-886-8240/770-621-8240

Contract Num:SP0450-99-M-NE69

CAGE:0WU71

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

Ingred Name:1,1-DICHLORO-1-FLUOROETHANE (SARA 313)

CAS:1717-00-6

RTECS #:KI0997000

= Wt:97.

Other REC Limits:NONE RECOMMENDED

Ozone Depleting Chemical:2

Ingred Name:CARBON DIOXIDE

CAS:124-38-9
RTECS #:FF6400000
< Wt:5.
OSHA PEL:9000 MG/M3;5000 PPM
ACGIH TLV:9000 MG/M3;5000 PPM
ACGIH STEL:54000 MG/M3

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:IINGESTION-SWALLOWING LARGE AMOUNTS
MAY BE HARMFUL, BY CAUSING GASTROINTESTINAL IRRITATION.
INHALATION-BR
EATHING LARGE AMOUNTS MAY BE HARMFUL, BY CAUSING NOSE,
THROAT, RESPIRATORY TRACT IRRITATION. EY E-IRRITANT. LIQUID CONTACT
WILL IRRITATE EYES AND MAY CAUSE STINGING, TEARING AND REDNESS.
SKIN CONTACT-MAY CAUSE MILD IRRITATION OF REDNESS AND BURNING.

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

First Aid:INGESTION-SEEK MEDICAL ATTENTION IMMEDIATELY. IF DROWSY OR
UNCONSCIOUS, DO NOT GIVE ANYTHING BY MOUTH; PLACE INDIVIDUAL ON
LEFT SIDE WITH HEAD DOWN.
CONTACT MEDICAL FACILITY OR POISON
CONTROL CENTER F OR ADVICE ABOUT WHETHER TO INDUCE VOMITING.
INHALATION-REMOVE TO FRESH AIR, IF BREATHING IS DIFFICULT GIVE
OXYGEN. KEEP PERSON WARM AND QUIET. SEEK MEDICAL ATTENTION.
EYES-IRRIGATE IMMEDIATELY WITH WA TER FOR AT LEAST 15 MIN. GET
MEDICAL ATTENTION IF IRRITATION PERSISTS. SKIN-WASH WITH SOAP AND
WATER. THOROUGHLY CLEAN CONTAMINATED CLOTHING AND SHOES BEFORE
RESUE. IF SYMPTOMS PERSISTS, SEEK MEDICAL ATTENTION.

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

Flash Point Method:TCC
Flash Point:NONE
Lower Limits:7.6 %
Upper Limits:17.7 %
Extinguishing Media:REGULAR FOAM, WATER FOG, CARBON DIOXIDE, DRY
CHEMICAL. KEEP FIRE EXPOSED CONTAINERRS COOL WITH WATER.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED
BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN THE POSITIVE
PRESSURE DEMAND MODE WITH APPROPRIATE GEAR AND CHEMICAL RESISTANT
PERSONAL PROTECTIVE

EQUIPMENT.
Unusual Fire/Explosion Hazard:AEROSOL CONTAINERS MAY EXPLODE WHEN
HEATED ABOVE 130F

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

Spill Release Procedures:ABSORB LIQUID ON VERMICULITE, FLOOR ABSORBENT,
OR OTHER ABSORBENT MATERIAL AND TRANSFER TO HOOD.

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

Handling and Storage Precautions:SUDDEN RELEASE OF HOT ORGANIC CHEMICAL
VAPORS OR MISTS FROM PROCESS EQUIPMENT OPERATING AT ELEVATED
TEMPERATURE MAY RESULT IN IGNITION. KEEP THIS AND ALL CHEMICALS OUT
OF THE REACH OF CHILDREN.
Other Precautions:SINCE EMPTY CONTAINERS RETAIN RESIDUES & MAY BE UNDER
PRESSURE ALL HAZARD PRECAUTIONS GIVEN IN THE MSDS MUST BE OBSERVED.
ANY USE OF THIS PRODUCT IN ELEVATED TEMPERATURE PROCESSES SHOULD BE
THOROUGHLY EVALUATED TO ESTABLISH SAFE OPERATION CONDITIONS.

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

Respiratory Protection:NOT REQUIRED UNDER
CONDITIONS OF NORMAL USE. FOR
PROLONGED/CONTINUOUS USE WHERE VAPORS ARE PRESENT USE
NIOSH-CERTIFIED ORGANIC VAPOR MASK.
Ventilation:LOCAL EXHAUST/HOOD OR FAN MAY BE USED.
Protective Gloves:BUTYL RUBBER GLOVES.
Eye Protection:SAFETY GLASSES OR GOGGLES.
Other Protective Equipment:NOT REQUIRED UNDER NORMAL USE.
Work Hygienic Practices:WASH WITH SOAP AND WATER. THOROUGHLY CLEAN
CONTAMINATED CLOTHING AND SHOES BEFORE REUSE. IF SYMPTOMS PERSIST,
SEEK MEDICAL ATTENTION.
Supplemental Safety
and Health

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

HCC:V2
Boiling Pt.=32.C, 89.5F
B.P. Text:@760 MMHG
Vapor Pres:10 @68F
Vapor Density:4.0
Spec Gravity:1.25 (H2O=1)
Evaporation Rate & Reference:>1 (ETHER = 1)
Solubility in Water:SLIGHT
Appearance and Odor:COLORLESS LIQUID WITH A FAINT ETHER-LIKE ODOR
Percent Volatiles by Volume:100%

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

Stability Indicator/Materials to Avoid:YES
CHEMICALLY A

CTIVE METALS SUCH AS SODIUM, POTASSIUM, CALCIUM, POWDERED ALLUMINUM, ZINC, MAGNESIUM, AND LITHIUM SHAVINGS.

Stability Condition to Avoid: SOURCES OF IGNITION SUCH AS SPARKS, HOT SPOTS, WELDING, FLAMES AND CIGARETTES. IGNITION/FLASH MAY RESULT IF CONCENTRATION OF PRODUCT IS IN THE FLAMMABLE RANGE.

Hazardous Decomposition Products: MAY DECOMPOSE TO HYDROGEN CHLORIDE AND/OR HYDROGEN FLUORIDE AT TEMPERATURES ABOVE 100F.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

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

Waste Disposal Methods: PRODUCT IS NOT CONSIDERED A RCRA REGULATED SUBSTANCE. SOILS REMOVED DURING CLEANING MAY AFFECT THE HAZARD CLASSIFICATION OF YOUR WASTE STREAM. IF YOUR WASTE STREAM REMAINS NON-HAZARDOUS, THE WASTE MAY BE DISPOSED OF JUST LIKE MOST USED OIL. PLEASE CALL US IF YOU NEED ADDITIONAL DISPOSAL INFORMATION.

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

Transport Information: DOT REGULATED: YES. DOT HAZARD CLASS: ORM-D. DOT SHIPPING NAME: CONSUMER COMMODITY. DOT NUMBER: NONE LISTED.

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

SARA Title III Information: 1,1-DICHLORO-1-FLUOROETHANE: REPORTABLE UNDER SARA TITLE III SECTION 313.

Federal Regulatory Information: RCRA REGULATED: NO CERCLA (SUPERFUND): NOT APPLICABLE. ALL MATERIALS IN PRODUCT ARE TSCA LISTED.

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