

ECOLINK INC -- 0627-1, SELECT FREE (A) -- 6850-01-386-8415

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

Product ID:0627-1, SELECT FREE (A)

MSDS Date:02/23/2001

FSC:6850

NIIN:01-386-8415

Status Code:A

MSDS Number: CLQRL

=== Responsible Party ===

Company Name:ECOLINK INC

Address:1481 ROCK MOUNTAIN BLVD

City:STONE MOUNTAIN

State:GA

ZIP:30083-1505

Country:US

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

Emergency Ph

one Num:800-535-5053

Preparer's Name:NOT PROVIDED

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:SP0450-02-M-M152

CAGE:0WU71

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

Ingred Name:1,1-DICHLORO-1-FLUOROETHANE

CAS:1717-00-6

RTECS #:KI0997000

= Wt:96.

Other REC Limits:NOT PROVIDED

OSHA PEL:500 PPM

ACGIH TLV:500 PPM

Ozone Depleting Chemical:2

Ingred Name:CARBON DIOXIDE

CAS:124-38-9

RTECS #:FF6400000

< Wt:5.

Other REC Limits:NOT PROVIDED

OSHA PEL:9000 MG/M3;5000 PPM

ACGIH TLV:9000 MG/M3;5000 PPM

ACGIH STEL:54000 MG/M3

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

LD50 LC50 Mixture:NOT PROVIDED

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INGESTION: CAN CAUSE GASTROINTESTINAL IRR

ITATION, VOMITING, NAUSEA, AND DIARRHEA. INHALATION: VAPORS

CAUSE IRRITATION OF RESPIRATORY TRACT. AIR CONCENTRATIONS EXCEEDING RECOMMENDED EXPOSURE LIMITS MAY CAUSE ACUTE NERVOUS SYSTEM DEPRESSION, CHARACTERIZED BY HEADACHE, DIZZINESS, NAUSEA, COFUSION, IRREGULAR HEARTBEAT AND ELEVATED CARBON MONOXIDE LEVELS IN THE BLOOD, HIGHER AIR CONCENTRATIONS MAY CAUSE UNCONSCIOUSNESS AND DEATH. EYES: SEVERE IRRITATION, TEARING, REDNESS, AND BLURRED VISION. SKIN OR CONTACT: FRE

QUENT OR PROLONGED CONTACT MAY CAUSE

SKIN IRRITATION EXPERIENCED AS BURNING, DRYING, CRACKING AND REDNESS.

Explanation of Carcinogenicity:NTP- NOT LISTED. IARC MONOGRAPHS- NONE.

Effects of Overexposure:INGESTION: CAN CAUSE GASTROINTESTINAL

IRRITATION, VOMITING, NAUSEA, AND DIARRHEA. INHALATION: VAPORS CAUSE IRRITATION OF RESPIRATORY TRACT. AIR CONCENTRATIONS EXCEEDING RECOMMENDED EXPOSURE LIMITS MAY CAUSE ACUTE NERVOUS SYSTEM DEPRESSION, CHARACTERIZED BY HEADACHE, DIZZI

NESS, ANUSE COFUSION,

IRREGULAR HEARTBEAT AND ELEVATED CARBON MONOXIDE LEVELS IN THE BLOOD, HIGHER AIR CONCENTRATIONS MAY CAUSE UNCONSCIOUSNESS AND DEATH. EYES: SEVERE IRRITATION, TEARING, REDNESS, AND BLURRED VISION. SKIN: FREQUENT OR PROLONGED CONTACT MAY CAUSE SKIN IRRITATION EXPERIENCED AS BURNING, DRYING, CRACKING AND REDN ESS.

Medical Cond Aggravated by Exposure:NOT PROVIDED

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

First Aid:INGESTION: IF IN

GESTED, DO NOT INDUCE VOMITING. KEEP PERSON WARM, QUIET, AND GET MEDICAL ATTENTION. ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL. INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. KEEP PERSON WARM AND QUIET. SEEK MEDICAL ATTENTION. EYES: IRRIGATE IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES LIFTING EYELIDS PERIODICALLY TO REMOVE CONTAMINATION. GET IMMEDIATE MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. THOROUGHLY CLEAN CONTAMINATED CLOTHES AND SHOES BEFORE RE-USE. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION.

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

Flash Point:NON-FLAMMABLE

Lower Limits:7.6%

Upper Limits:17.7%

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

Fire Fighting Procedures:WATER MAY BE INEFFECTIVE, BUT MAY BE USED TO COOL EXPOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTO-IGNITION OR

EXPLOSION WHEN EXPOSED TO EXTREME HEAT. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE.

Unusual Fire/Explosion Hazard:HYDROGEN CHLORIDE GAS CAN BE LIBERATED IN A FIRE. CONTACT WITH SOFT METALS CAN LIBERATE FLAMMABLE HYDROGEN GAS. AEROSOL CONTAINER MAY BURST IF HEATED OVER 120F

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

Spill Release Procedures:KEEP SPECTATORS AWAY. DIKE AND CONTAIN SPILL WITH INERT MATERIAL (EG. SAND, EARTH). TRANSFER LIQUIDS TO COVERED

METAL CONTAINERS FOR RECOVERY, DISPOSAL OR REMOVE WITH INERT ABSORBENT. PLACE ABSORBENT DIKING MATERIALS IN COVERED METAL CONTAINERS FOR DISPOSAL. PREVENT CONTAMINATION OF SEWERS, STREAMS AND GROUNDWATER WITH SPILLED MATERIAL OR USED ABSORBENT.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:USE WITH ADEQUATE VENTILATION. DO NOT STORE ABOVE 120F. STORE LARGE QUANTITIES IN COMPLIANCE WITH O

SHA 29

CFR 1910.106. DO NOT PUNCTURE OR INCINERATE CONTAINER. STORE AND USE ONLY IN A COOL, WELL VENTILATED AREA AWAY FROM ALL SOURCES OF IGNITION SUCH AS SPARKS, OPEN FLAMES AND HEATED SURFACES.

Other Precautions:AVOID PROLONGED OR REPEATED SKIN CONTACT. AVOID EYE CONTACT. DO NOT BREATHE SPRAY MIST. KEEP THIS AND ALL CHEMICALS OUT OF THE REACH OF CHILDREN.

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

Respiratory Protection:NOT REQUIRED UNDER NORMAL USE. FOR PROLONGED USE

OR HIGH CONCENTRATIONS USE A NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR CANISTER IF VAPOR OR MIST BECOMES A PROBLEM OR AIRBORNE EXPOSURE LIMITS ARE EXCEEDED.

Ventilation:GENERAL MECHANICAL VENTILATION OR LOCAL EXHAUST SHOULD BE SUITABLE TO KEEP VAPOR CONCENTRATIONS BELOW REQUIRED LEVELS

Protective Gloves:SOLVENT IMPERMEABLE NEOPRENE OR PVA GLOVES.

Eye Protection:GLASSES AND SPLASH PROTECTION REQUIRED.

Other Protective Equipment:NOT REQUIRED UNDER NORMAL USE.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING SPRAY MIST. AVOID CONTACT WITH EYES AND SKIN.

Supplemental Safety and Health

ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED. CNS = CENTRAL NERVOUS SYSTEM.

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

HCC:V2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:32.C, 89.6F

Melt/Freeze Pt

:M.P/F.P Text:NOT PROVIDED

Decomp Temp:Decomp Text:NOT PROVIDED

Vapor Pres:517 @ 68F

Volatile Org Content %:95

Spec Gravity:(H2O=1):1.24@50F

Viscosity:NOT PROVIDED

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

Solubility in Water:SLIGHT

Appearance and Odor:CLEAR COLORLESS LIQUID.

Percent Volatiles by Volume:100

Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES

ALKALINE MATERIALS, STRONG ACIDS AND OXIDIZING

MATERIALS.

Stability Condition to Avoid:CONTAMINATION WITH OTHER CHEMICAL,
ESPECIALLY ORGANICS AND OXIDIZABLE MATEIALS. AVOID ALKALINE
MATERIALS, STRONG ACIDS AND OXIDIZING MATERIALS.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND
CHLORINE CONTAINING GASES.

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

Toxicological Information:NOT PROVIDED

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

Ecological:NOT PROVIDED

===

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

Waste Disposal Methods:PLACE EMPTY AEROSOL CANS IN TRASH COLLECTION OR
OFFER FOR RECYCLING. PRODUCT EMPTIED FROM AEROSOL CAN BE
INCINERATED.

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

Transport Information:DOT REGULATED: NO. DOT HAZ. CLASS: N/A. DOT
SHIPPING NAME: CONSUMER COMMODITY. DOT NUMBER: N/A.

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

SARA Title III Inform
ation:1,1-DICHLORO-1-FLUOROETHANE IS REPORTABLE
UNDER SARA TITLE 3 SECTION 313.

State Regulatory Information:NOT PROVIDED

===== 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 f

or 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.