

ECOLINK INC -- ELECTRON

=====
MSDS Safety Information
=====

FSC: 6850
NIIN: 01-375-5555
MSDS Date: 10/01/1998
MSDS Num: CKSMH
Product ID: ELECTRON
MFN: 01
Responsible Party
Cage: 0WU71
Name: ECOLINK INC
Address: 1481 ROCK MOUNTAIN BLVD
City: STONE MOUNTAIN GA 30083-1505
Info Pho
ne Number: 800-886-8240
Emergency Phone Number: 800-535-5053
=====

=====
Item Description Information
=====

Item Manager: S9G
Item Name: CLEANING COMPOUND,SOLVENT
Specification Number: UNKNOWN
Type/Grade/Class: NONE
Unit of Issue: DR
Quantitative Expression: 00000000055GL
UI Container Qty: 1
Type of Container: DRUM
=====

=====
Ingredients
=====

Name: *** PROPRIETARY ***

=====

=====
Health Hazards Data
=====

LD50 LC50 Mixture: ORAL TOXICITY (MICE) LD50: 5.6-6.6 G/KG.
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: INGESTION: SWALLOWING LARGE AMOUNTS MAY BE HARMFUL, BY
CAUSING GASTREINTESTINA

L IRRITATION. INHALATION: BREATHING LARGE AMOUNTS MAY BE HARMFUL, BY CAUSING NOSE THROAT, RESPIRATORY TRACT IRRITATION. EYES: IRRITANT. LIQUID CONTACT WILL IRRITATE EYES AND MAY CAUSE STINGING, TEARING, AND REDNESS. SKIN CONTACT: MAY CAUSE MILD IRRITATION OF REDNESS AND BURNING. Explanation Of Carcinogenicity: NTP- NOT LISTED; IARC MONOGRAPHS-NONE; OSHA REGS- NOT REGULATED.-

Signs And Symptoms Of Overexposure: INGESTION: GASTROINTESTINAL IRRITATION. INHALATION: NOSE, THROAT, RESPIRATORY TRACT IRRITATION. EYES: IRRITANT, STINGING, TEARING, REDNESS. SKIN: IRRITATION, REDNESS, BURNING.

First Aid: INGESTION: SEEK MEDICAL ATTENTION IMMEDIATELY. IF INDIVIDUAL IS DROWSY OR UNCONSCIOUS, DO NOT GIVE ANYTHING BY MOUTH; PLACE INDIVIDUAL ON LEFT SIDE WITH HEAD DOWN. CONTACT MEDICAL FACILITY OR POISON CONTROL CENTER FOR 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 WATER FOR AT LEAST 15 MINUTES, GET MEDICAL ATTENTION IF IRRITATION PERSISTS. SKIN: WASH WITH SOAP AND WATER, THOROUGHLY CLEAN CONTAMINATED CLOTHING AND SHOES BEFORE REUSE, IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION.

=====
Handling and Disposal
=====

Spill Release Procedures: ABSORB SMALL SPILL ON VERMICULITE, OR OTHER ABSORBENT AND TRANSFER TO HOOD

. LARGE SPILLS: ELIMINATE IGNITIONS,(FLAMES, PILOT LIGHTS, ELECTRICAL SPARKS). PREVENT FROM ENTERING DRAINS, SEWERS, STREAMS, ETC. IF RUNOFF OCCURS, NOTIFY AUTHORITIES. PUMP OR VACUUM SPILLED PRODUCT TO CLEAN CONTAINERS FOR RECOVERY. TRANSFER CONTAMINATED ABSORBENT, SOIL, OTHER MATERIALS TO CONTAINERS FOR DISPOSAL.

Waste Disposal Methods: ELECTRON IS TO BE DISPOSED OF ACCORDING TO LOCAL, STATE, AND FEDERAL REGULATIONS. PLEASE CALL ECOLINK INC IF YOU NEED ADDITIONAL DISPOSAL INFORMATION.

Handling And Storage Precautions: EMPTY CONTAINERS RETAIN PRODUCT RESIDUES, ALL PRECAUTIONS GIVEN IN DATA SHEET MUST BE OBSERVED. ALL METAL PAILS OR DRUMS SHOULD BE GROUNDED AND/OR BONDED WHEN MATERIAL TRANSFERRED. USE OF PRODUCT IN

ELEVATED TEMPERATURE PROCESS SHOULD BE THOROUGHLY EVALUATED TO MAINTAIN SAFE OPERATING CONDITIONS.

Other Precautions: SUDDEN RELEASE OF HOT ORGANIC CHEMICAL VAPORS OR MISTS FROM PROCESS EQUIPMENT OPERATING AT ELEVATED TEMPERATURE MAY RESULT IN IG

NITION.

KEEP THIS AND ALL CHEMICALS OUT OF THE REACH OF CHILDREN.,

=====
Fire and Explosion Hazard Information
=====

Flash Point Method: TCC

Flash Point: =63.9C, 147.F

Lower Limits: 0.7

Upper Limits: 7.0

Extinguishing Media: REGULAR FOAM, WATER FOG, CARBON DIOXIDE, DRY CHEMICAL,
CLASS B

Fire Fighting Procedures: KEEP FIRE EXPOSED CONTAINERS COOL WITH WATER . FIRE
FIGHTERS SHOULD WEAR SELF-

CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE

OPERATE IN THE POSITIVE PRESSURE DEMAND MOIDE WITH APPROPRIATE GEAR AN D
CHEMICAL RESISTANT PERSONAL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard: VAPORS ORE HEAVIER THAN AIR AND MAY TRAVEL ALONG
THE GROUND OR BE MOVED BY VENTILATION AND IGNITED BY HEAT, PILOT LIGHTS,
OTHER FLAMES AND IGNITION SOURCES AT LOCATIONS DISTANT FROM MATERIAL
HANDLING POINT. NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN
EMPTY) BECAUSE P

RODUCT CAN IGNITE EIXPLOSIVELY.

=====
Control Measures
=====

Respiratory Protection: NOT REQUIRED UNDER CONDITIONS OF NORMAL USE. IF VAPOR
MIST IS PRESENT USE NIOSH CERTIFIED ORGANIC VAPOR MASK.

Ventilation: LOCAL EXHAUST/HOOD OR FAN MAY BE USED.

Protective Gloves: NITRILE GLOVES ARE RECOMMENDED FOR EXTENDED EXPOSURE OR
IMMERSION OF HANDS.

Eye Protection: SAFETY GLASSES AND SPLASH PROTECTION
REQUIRED.

Other Protective Equipment: OTHER PROTECTIVE CLOTHING NOT REQUIRED UNDER NORMAL
USE. BUTYL RUBBER GLOVES MAY BE USED FOR INCIDENTAL CONTACT.

Work Hygienic Practices: MANUFACTURER RECOMMENDS THATALL RAGS USED TO ABDORB
HYRORCARBON-BASED SOLVENTS BE DISPOSED IN AN AIR TIGHT METAL CONTAINER. TREAT
THIS CHEMICAL WITH RESPECT AND FOLLOW ALLL MSDS INSTRUCTIONS.

Supplemental Safety and Health: NSN 6850-01-375-5555: PART # 0296-55-55 GAL.
DRUM,

=====

=====

Physical/Chemical Properties

=====

HCC: V4

Boiling Point: =176.1C, 349.F

B.P. Text: @760MMHG

Vapor Pres: 0.30 MMHG @68FN/P

Vapor Density: .1 (AIR=1

Spec Gravity: 0.8112

Solubility in Water: NEGLIGIBLE

Appearance and Odor: CLEAR, COLORLESS LIQUID WITH MILD CITRUS TERPENE OROR.

=====

Reactivity Data

=====

Stability Indicator: YES

Sta

bility 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.

Materials To Avoid: STRONG OXIDIZING AGENTS AND/ OR STRONG ACIDS.

Hazardous Decomposition Products: MAY FORM CARBON DIOXIDE, AND CARBON MONOXIDE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR.

=====

Toxicological Information

=====

Toxicological Information: ACUTE TOXICITY: ORAL TOXICITY (MICE)- LD 50: 5.6-6.6

G/KG. SKIN TOXICITY: ABSORPTION (RABBITS)- LD50: >5000 MG/KG. CARCINOGEN: NTP- NOT LISTED; IARC MONOGRAPHS-NONE; OSHA REDS-NOT REGULATED.FMI

=====

Ecological Information

=====

=====

MSDS Transport Information

=====

=====

Regulatory Information

=====

Sara Title III Information: ELECTRON , IN ITS PURCHASED FORM, IS NOT REGULATED UNDER SARA TITLE I I, SECTION 313. RCRA REGULATED: NO. CERCLA (SPERFUND): NOT APLICABLE

Federal Regulatory Information: ALL MATERIALS IN PRODUCT ARE TSCA LISTED

=====

=====

Other Information

=====

Other Information: INFORMATION: HEALTH= 1 / ; FLAMMABLE =2 ; REACTIVITY =0 ;PERSONAL PROTECTION-B. DEFINITION: O- MINIMAL; 1- SLIGHT; 2- MODERATE; 3 SERIOUS; 4 EXTREME."/ " IN THE HEALTH CTEGORY DENOTES MATERI AL DOES NOT TARGET NAY MAJOR ORGANS."*" IN THE HEALTH CATEGORY DENOTES MATERIAL MAY TARGET CERTAIN MAJOR ORGANS.

=====

Transportation Information

=

=====

Responsible Party Cage: 0WU71
Trans ID NO: 154496
Product ID: ELECTRON
MSDS Prepared Date: 10/01/1998
Review Date: 08/21/2000
MFN: 1
Net Unit Weight: 372.3 LBS
Multiple KIT Number: 0
Unit Of Issue: DR
Container QTY: 1
Type Of Container: DRUM
Additional Data: TRANSPORTATION DATA PER MANUFACTURER'S MSDS

=====

Detail DOT Information

=====

DOT PS
N Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

=====

Detail IMO Information

=====

IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

=====

Detail IATA Information

=====

IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGU

LATED BY THIS MODE OF TRANSPORTATION

=====
Detail AFI Information
=====

AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

=====
HAZCOM Label
=====

Product ID: ELECTRON

Cage: 0WU71

Company Name: ECOLINK INC

Street: 1481 ROCK MOUNTAIN BLVD

City: STONE MOUNTAIN

GA

Zipcode: 30083-1505

Health Emergency Phone: 800-535-5053

Label Required IND: Y

Date Of Label Review: 08/21/2000

Status Code: A

Label Date: 08/21/2000

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: WARNING

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Moderate

Reactivity Hazard: None

Hazard And Precautions: INGESTION: SWALLOWING LARGE AMOUNTS MAY BE HARMFUL, BY CAUSING GASTREINTESTINAL IRRITATION. INHALATION: BREATHING LARGE AMOJNTS MAY BE HAR

MFUL, BY CAUSING NOSE THROAT, RESPIRATORY TRACT IRRITATION. EY ES: IRRITANT. LIQUID CONTACT WILL IRRITATE EYES AND MAY CAUSE STINGING, TEARING, AND REDNESS. SKIN CONTACT: MAY CAUSE MILD IRRITATION OF REDNESS AND BURNING.

=====
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, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsib

ility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.