

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 UNCONCIOUS, 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 MODE WITH APPROPRIATE GEAR AND CHEMICAL RESISTANT PERSONAL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard: VAPORS ARE 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 PRODUCT CAN IGNITE EXPLOSIVELY.

=====

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 THAT ALL RAGS USED TO ABSORB HYDROCARBON-BASED SOLVENTS BE DISPOSED IN AN AIR TIGHT METAL CONTAINER. TREAT THIS CHEMICAL WITH RESPECT AND FOLLOW ALL 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, ANDCIGARETTES. 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 In formation

=====

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 Transpor t Information

=====

=====

Regulatory Information

=====

Sara Title III Information: ELECTRON , IN ITS PURCHASED FORM, IS NOT REGULATED

UNDER SARA TITLE I 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.