

ECOLINK INC -- VORTEX MAXIMUM PERFORMANCE ORGANIC SOLVENT -- 6850-01-386-8405

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Product Identification
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Product ID:VORTEX MAXIMUM PERFORMANCE ORGANIC SOLVENT

MSDS Date:01/25/2000

FSC:6850

NIIN:01-386-8405

Status Code:A

MSDS Number: CLPTN

=== 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 Phone Num:1-800-535-5053

CAGE:0WU71

=== Contractor Identification ===

Company Name:ECOLINK INC

Address:1481 ROCK MOUNTAIN BLVD

Box:City:STONE MOUNTAIN

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Composition/Information on Ingredients
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Ingred Name:CITRUS TERPENES

CAS:68647-72-3

Minimum % Wt:90.

Maximum % Wt:95.

Other REC Limits:100 PPM ECOLINK

Ingred Name:NONYLPHENOXY POLYETHOXYETHANOL (CAS 9014

6-45-6)

Minumum % Wt:2.

Maxumum % Wt:5.

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

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

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

Health Hazards Acute and Chronic:INGESTION: SWALLOWING LARGE AMOUNTS
MAY BE HARMFUL BY CAUSING GASTROINTESTIONAL IRRITATION. INHALATION:
BREATHING LARGE AMOUNTS MAY BE HARMFUL, BY CAUSING NOSE, THROAT,
RESPIRATORY TRACT IRRITATION. E YES: IRRITANT. LIQUID CONTACT WIL

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IRRITATE EYES AND MAY CAUSE STINGING, TEARING, AND REDNESS. SKIN
CONTACT: MAY CAUSE MILD IRRITATION OR REDNESS AND BURNING, SKIN
DEFATTING.

Explanation of Carcinogenicity:NTP: NOT LISTED; IARC MONOGRAPHS: NONE;
OSHA REGS: NOT REGULATED.

Effects of Overexposure:INGESTION: GASTROINTESTIONAL IRRITATION.

INHALATION: NOSE, THROAT, RESPIRATORY TRACT IRRITATION. EYES:
IRRITATION, STINGING, TEARING, AND REDNESS. SKIN CONTACT:
IRRITATION, REDNESS, AND BURNING, SKIN DEFATTIN

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

First Aid:INGESTION: DO NOT INDUCE VOMITING. IF CONSCIOUS GIVE 1 OR 2
GLASSES OF WATER. SEEK MEDICAL ATTENTION. PLACE INDIVIDUAL ON LEFT
SIDE WITH HEAD DOWN. CAUTION: ASPIRATION INTO LUNGS CAN CAUSE
CHEMICAL PN EUMONIA. INHALATION: MOVE TO FRESH AIR. IF BREATHING
DIFFICULT GIVE OXYGEN. KEEP PERSON WARM AND QUIET. SEEK MEDICAL
ATTENTION. EYES: IRRIGATE WITH WATER FOR 15 MINUTES. GET MEDICAL
ATTENTIO

N IF IRRI TATION PERSISTS. SKIN: WASH WITH SOAP AND WATER.

CLEAN CONTAMINATED CLOTHES AND SHOES BEFORE REUSE. IF SYMPTOMS
PERSIST, SEEK MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:=51.1C, 124.F

Autoignition Temp:=150.C, 302.F

Lower Limits:0.7

Upper Limits:6.1

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 OPERATED 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.

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

Spill Release Procedures: SMALL SPILL: ABSORB ON VERMICULITE, OTHER ABSORBENT. TRANSFER TO HOOD. LARGE SPILLS: ELIMINATE IGNITION SOURCES, (FLARES, PILOT LIGHTS, ELECTRICAL SPARKS). STOP SPILL AT SOURCE. PREVENT FROM ENTERING DRAINS, SEWERS, STREAMS. IF RUNOFF OCCURS, NOTIFY AUTHORITIES AS REQUIRED. PUMP OR VACUUM SPILL

TO CLEAN CONTAINERS FOR RECOVERY. TRANSFER CONTAMINATED ABSORBENT, SOIL, TO CONTAINERS FOR DISPOSAL.

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

Handling and Storage Precautions: SINCE EMPTY CONTAINERS RETAIN PRODUCT RESIDUES, ALL HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED. ALL METAL PAILS OR DRUMS SHOULD BE GROUNDED AND/OR BONDED WHEN MATERIAL IS TRANSFERRED. KEEP THIS AND ALL CHEMICALS OUT OF REACH OF CHILDREN.

Other Precaution

s: USE OF THIS PRODUCT IN ELEVATED TEMPERATURE PROCESSING SHOULD BE THOROUGHLY EVALUATED TO ESTABLISH AND MAINTAIN SAFE OPERATING CONDITIONS. SUDDEN RELEASE OF HOT ORGANIC CHEMICAL VAPORS OR MISTS FROM PROCESS EQUIPMENT OPERATING AT ELEVATED TEMPERATURE MAY RESULT IN IGNITION.

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

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

V

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

Protective Gloves:USE NITRILE GLOVES.

Eye Protection:SAFETY GLASSES AND SPLASH PROTECTION REQUIRED.

Other Protective Equipment:NOT REQUIRED UNDER NORMAL USE.

Work Hygienic Practices:STORE RAGS USED WITH THIS MATERIAL IN AN AIR TIGHT, METAL CONTAINER TO PREVENT SPONTANEOUS COMBUSTION. TREAT THIS CHEMICAL WITH RESPECT AND FOLLOW ALL MSDS INSTRUCTIONS.

Supplemental Safety and Health

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

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HCC:F4

Boiling Pt:=160.C, 320.F

B.P. Text:@ 760 MM HG

Vapor Pres:1.0 MM HG

Vapor Density:>1(AIR=1)

Spec Gravity:0.844 (H2O=1)

VOC Pounds/Gallon:797

Evaporation Rate & Reference: