

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: FUNGSHIELD SPF 2
PRODUCT CODE: ECO-315
0

HIMS CODES: H F R P
0 0 0

=====**SECTION I - MANUFACTURERS IDENTIFICATION**=====

MANUFACTURED FOR: ECOLOGEL USA, INC.
34471
EMERGENCY PHONE: (352) 620-2020
DATE REVISED : 8-31-99
REASON REVISED : PRODUCT NAME CHANGE

ADDRESS: 2700 S.E. 35TH ST., OCALA, FL
INFORMATION PHONE: (352) 620-2020
NAME OF PREPARER : RICHARD IRWIN

=====**SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION**=====

OCCUPATIONAL EXPOSURE LIMITS VAPOR PRESSURE WEIGHT
HAZARDOUS COMPONENTS CAS NUMBER OSHA PEL ACGIH TLV OTHER mm HG @ TEMP PERCENT

*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT***
*** NO TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND 40 CFR 372 ARE PRESENT. ***

=====**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**=====

BOILING RANGE: N/A **SPECIFIC GRAVITY (H2O=1):** 1.0
VAPOR DENSITY: N/A **EVAPORATION RATE:** N/A
SOLUBILITY IN WATER: DILUTES WITH WATER IN ALL PROPORTIONS
APPEARANCE AND ODOR : TRANSLUCENT LIQUID WITH AMMONIA ODOR.

=====**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**=====

FLASH POINT: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: N/A **UPPER:** N/A

EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG, OTHER

SPECIAL FIREFIGHTING PROCEDURES: LIQUID MATERIAL DOES NOT NORMALLY BURN. DRY MATERIAL WILL BURN. FIREFIGHTERS USE SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRE.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE. HEATED CONTAINERS WILL EXPLODE WHEN HEATED ABOVE THE BOILING POINT; COOL CONTAINERS WITH WATER TO MAINTAIN TEMPERATURES BELOW THE BOILING POINT.

=====**SECTION V - REACTIVE DATA**=====

STABILITY: STABLE

CONDITIONS TO AVOID: EXCESSIVE HEAT AND STRONG OXIDIZING CONDITIONS.

INCOMPATIBILITY (MATERIALS TO AVOID): CONTAMINATION WITH STRONG ACIDS, BASES, OXIDIZING AGENTS, EXTENDED CONTACT WITH AIR OR OXYGEN.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: HAZARDOUS DECOMPOSITION BYPRODUCTS PRODUCED BY HEATING MAY INCLUDE CARBON MONOXIDE AND CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

=====**SECTION VI - HEALTH HAZARD DATA**=====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: THERE IS NO SPECIFIC INFORMATION AVAILABLE. THIS PRODUCT CONTAINS SOME VOLATILE MATERIALS THAT MAY BE SLIGHTLY TOXIC AND MAY CAUSE IRRITATION TO THE RESPIRATORY SYSTEM. MAY CAUSE HEADACHES, NAUSEA AND DIZZINESS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

SKIN: THERE IS NO SPECIFIC INFORMATION AVAILABLE. THIS PRODUCT CONTAINS MATERIALS THAT MAY CAUSE INJURY TO THE SKIN.

EYES: THIS PRODUCT CONTAINS MATERIALS WHICH ARE EYE IRRITANTS AND MAY CAUSE INJURY TO PERSIST FOR SEVERAL DAYS.

SKIN ABSORPTION HEALTH RISK AND SYMPTOMS OF EXPOSURE: NOT EXPECTED TO PRESENT A SIGNIFICANT SKIN HAZARD UNDER ANTICIPATED CONDITIONS OF NORMAL USE.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: IF LARGE QUANTITY SWALLOWED, GIVE LUKE WARM WATER (1 PINT) IF VICTIM IS COMPLETELY CONSCIOUS/ALERT. DO NOT INDUCE VOMITING, RISK OF DAMAGE TO LUNGS MAY EXCEED POISONING RISK. OBTAIN EMERGENCY MEDICAL ATTENTION.

HEALTH HAZARDS (ACUTE AND CHRONIC):

ACUTE : SLIGHT HEALTH HAZARD, SEE ABOVE FOR DETAILS.

CHRONIC: THERE ARE NO KNOWN LONG TERM SYMPTOMS AVAILABLE.

CARCINOGENICITY: NPT? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO
THIS PRODUCT IS NOT A CARCINOGEN AND CONTAINS NO INGREDIENTS KNOWN TO BE CARCINOGENS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: ASTHMA AND OTHER RESPIRATORY AILMENTS: SKIN ALLERGIES, AND CHRONIC DERMATITIS CONDITIONS.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH WITH PLENTY OF WATER, REMOVE CONTACT LENSES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

INGESTION: FOR SMALL QUANTITIES GIVE LOTS OF WATER BUT DO NOT INDUCE VOMITING. FOR LARGE QUANTITIES GIVE LOTS OF WATER TO DILUTE; SEEK MEDICAL ATTENTION. **NOTE:** LAVAGE IS INDICATED

INHALATION: IF VICTIM IS UNCONSCIOUS, REMOVE TO FRESH AIR; IF NOT BREATHING ADMINISTER CPR OR GET MEDICAL TREATMENT.

SKIN: WASH WITH WATER AND APPLY TOPICAL CREAM IF IRRITATED. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

===== **SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE** =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: DIKE SPILLS; THEY WILL BE SLIPPERY. ABSORB WITH SAND OR OTHER INERT MATERIALS, DRY OUT AND COLLECT FOR DISPOSAL.

WASTE DISPOSAL METHOD: INCINERATION IS RECOMMENDED. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE IN COOL PROTECTED AREA. DO NOT FREEZE: STORE ABOVE 40 F. DO NOT APPLY TO HOT SURFACES OR IN AREAS EXPOSED TO ELECTRICITY OR ELECTRIC SPARKS.

OTHER PRECAUTIONS: "KEEP OUT OF REACH OF CHILDREN" DO NOT WELD OR CUT EMPTY CONTAINERS. RESIDUES MAY BE COMBUSTIBLE AND MAY EXPLODE.

===== **SECTION VIII - CONTROL MEASURES** =====

RESPIRATORY PROTECTION: NOT EXPECTED TO PRESENT A RESPIRATORY HAZARD DUE TO NORMALLY LOW VAPOR PRESSURES. WHERE EXCESSIVE VAPOR, MIST OR DUST MAY RESULT, USE A PROPERLY FITTED NIOSH/OSHA APPROVED RESPIRATOR.

VENTILATION: LOCAL EXHAUST.

PROTECTIVE GLOVES: FOR OPERATIONS WHERE CONTACT CAN OCCUR, IMPERVIOUS (NEOPRENE) GLOVES SHOULD BE WORN.

EYE PROTECTION: SPLASH PROOF GOGGLES ARE NEEDED IF EYE CONTACT CAN OCCUR. CONTACT LENS' SHOULD NOT BE WORN.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: PROTECTIVE CLOTHING SHOULD BE WORN TO PREVENT SKIN CONTACT.

WORK/HYGIENIC PRACTICES: WASH HANDS BEFORE EATING, SMOKING, OR USING THE BATHROOM.

===== **SECTION IX - DISCLAIMER** =====

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