

SURECO, INC AN INDIRECT SUB OF VERDANT BRANDS INC -- ALL PRO(R) MALATHION 57% --  
6840-00-655-9222

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

Product ID:ALL PRO(R) MALATHION 57%

MSDS Date:07/01/1998

FSC:6840

NIIN:00-655-9222

Status Code:A

MSDS Number: CKCHK

=== Responsible Party ===

Company Name:SURECO, INC AN INDIRECT SUB OF VERDANT BRANDS INC

Address:9555 JAMES AVENUE S STE 200

City:BLOOMINGTON

State:M

N

ZIP:55431

Country:US

Info Phone Num:612-703-3300

Emergency Phone Num:612-703-3300

Chemtrec Ind/Phone:(800)424-9300

CAGE:TO497

=== Contractor Identification ===

Company Name:EHRlich J C CHEMICAL CO INC

Address:500 SPRING RIDGE DR

Box:City:READING

State:PA

ZIP:19612-3848

Country:US

Phone:610-372-9700/FAX: 610-378-9744

Contract Num:SP0450-00-M-D447

CAGE:8C885

Company Name:SURECO., INC, AN INDIRECT SUB OF VERDANT BRANDS INC

Address:9555 JAMES AVENUE SOUTH SUITE 200

Box:City:BLOOMINGTON

State:MN

Z

IP:55431

Country:US

Phone:612-703-3300

CAGE:TO497

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

Ingred Name:MALATHION

CAS:121-75-5

RTECS #:WM8400000

= Wt:57.

OSHA PEL:15 MG/M3

ACGIH TLV:10 MG/M3

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:AROMATIC HYDROCARBON SOLVENT

CAS:25551-13-7

RTECS #:DC3220000

&lt; Wt:35.

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

Health Hazards Acute and Chronic:THIS MATERIAL MAY BE MODERATELY IRRITATING TO THE EYES, SKIN AND RESPIRATORY TRACT. PERSONNEL RESPONDING TO A SPILL OF THIS MATERIAL SHOULD AVOID PROLONGED SKIN CONTACT OR INHALATION OF MIST TO PREVENT TOXIC EFFECTS.

Explanation of Carcinogenicity:NONE LISTED PER OSHA, NTP, IARC

Effects of Overexposure:SIGNS & SYMPTOMS OF EXCESSIVE EXPOSURE INCLUDE: TIGHTNESS OF THE CHEST, WHEEZING, A BLUEISH DISCOLOR

ATION OF THE

SKIN, SMALL PUPILS, ACHING IN & AROUND THE EYES, BLURRING OF THE VISION, TEARING, RUNNY NOSE, HEADACHE, LOSS OF APPETITE, NAUSEA, VOMITING, ABDOMINAL CRAMPS, DIARRHEA, SWEATING, WEAKNESS, GENERALIZED TWITCHING & PARALYSIS, DIZZINESS, CONFUSION, STAGGERING, SLURRED SPEECH, IRREGULAR OR SLOW HEARTBEAT, CONVULSIONS.

Medical Condition Aggravated by Exposure:NONE PROVIDED BY MFR.

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

First Aid:SKIN: WASH

WITH PLENTY OF SOAP AND WATER. GET MEDICAL

ATTENTION IF IRRITATION PERSISTS. INGESTION: IF SWALLOWED, PROMPTLY DRINK LARGE AMOUNTS OF WATER. NEVER GIVE LIQUIDS TO AN UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. EYE: FLUSH EYES WITH PLENTY OF WATER. CALL A PHYSICIAN IF IRRITATION PERSISTS. INHALATION: REMOVE VICTIM TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. GET MEDICAL ATTENTION.

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== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:=-62.8C, 145.F

Lower Limits:1.8

Upper Limits:11.7

Extinguishing Media:CO2, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:NONE PROVIDED BY MFR.

Unusual Fire/Explosion Hazard:NONE PROVIDED BY MFR.

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

Spill Release Procedures:EXTINGUISH ALL IGNITION SOURCES, ADSORB MATERIAL WITH APPROPRIATE SORBENT. IF ORIGINAL CONTAINERS ARE NOT AVAILABLE

AND MATERIAL IS NOT REUSEABLE, PLACE IN METAL DRUM AND SEAL. DSDOPE OF IN ACCORDAN CE WITH INSTRUCTIONS IN WASTE DISPOSAL SECTION.

Neutralizing Agent:NONE PROVIDED BY MFR.

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

Handling and Storage Precautions:STORE AWAY FROM HEAT, OUT OF REACH OF CHILDREN. DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL. DO NOT FREEZE. DO NOT REUSE CONTAINER. AVOID EXCESSIVE TEMPERATURES AND DIRECT SUNLIGHT.

Other

Precautions:NONE PROVIDED BY MFR.

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

Respiratory Protection:IN TYPICAL APPLICATIONS NO ENGINEERING CONTROLS SHOULD BE NEEDED; IF INDUSTRIAL HYGIENE SURVEYS SHOW THAT OCCUPATIONAL EXPOSURE LIMITS MAY BE EXCEEDED, USE NIOSH APPROVED RESPIRATOR WITH DUST/MIST CAR TRIDGES.

Ventilation:NONE PROVIDED BY MFR.

Protective Gloves:PROTECTIVE GLOVES RECOMMENDED

Eye Protection:RECOMMENDED TO AVOID SPLASHING OF MATERIAL DIRECTLY I NTO EYES.

Other Protective Equipment:NONE PROVIDED BY MFR.

Work Hygienic Practices:NONE PROVIDED BY MFR.

Supplemental Safety and Health

NONE PROVIDED BY MFR.

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

HCC:V7

Boiling Pt:=148.9C, 300.F

Vapor Pres:5 MM HG

Spec Gravity:1.060

Solubility in Water:EMULSIFIABLE

Appearance and Odor:AMBER LIQUID, PUNGENT, SOUR ODOR

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

Stability Indicator/Materials to Avoid:Y

ES

ALKALIES OR OXIDIZERS

Stability Condition to Avoid:NONE PROVIDED BY MFR.

Hazardous Decomposition Products:NONE PROVIDED BY MFR.

Conditions to Avoid Polymerization:WILL NOT OCCUR

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

Toxicological Information:MALATHION HAS LITTLE OR NO TERATOGENIC POTENTIAL IN THE MAMMAL.

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

Ecological:MAY BE HAZARDOUS TO AQUATIC INVERTEBRATES. DO NOT APPLY DIRECTLY TO WATER; DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT OR DISPOSAL OF WASHWATER.

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

Waste Disposal Methods:THIS MATERIAL (AS PACKAGED) IS NOT CONSIDERED A HAZARDOUS WASTE. BE AWARE THAT THE WASTE OWNER HAS RESPONSIBILITY FOR FINAL DISPOSAL. REGULATIONS MAY ALSO APPLY TO EMPTY CONTAINERS, LINERS, OR RINSES. LAWS MAY CHANGE OR BE REINTERPRETED, STATE, & LOCAL REGULATIONS MAY BE DIFFERENT FROM FEDERAL REGULATION S.

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