

CLARKE OUTDOOR SPRAYING CO -- MALATHION E-5,11320 -- 6840-00-655-9222

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Product Identification  
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Product ID: MALATHION E-5,11320

MSDS Date: 06/21/1993

FSC: 6840

NIIN: 00-655-9222

MSDS Number: BWMQF

=== Responsible Party ===

Company Name: CLARKE OUTDOOR SPRAYING CO

Address: 159 N GARDEN AVE

Box: 72288

City: ROSELLE

State: IL

ZIP: 60172

Country: US

Info Phone Num: 708-894-2000

Emergency Phone Num: 708-8

94-2000

CAGE: 65183

=== Contractor Identification ===

Company Name: CLARKE MOSQUITO CONTROL PRODUCTS, INC

Address: 159 NORTH GARDEN AVENUE

Box: 72288

City: ROSELLE

State: IL

ZIP: 60172-1753

Country: US

Phone: 603-894-2000

CAGE: 65183

Company Name: GOURMET INQUE LTD

Address: 191 STANLEY ST

Box: City: ELK GROVE VILLAGE

State: IL

ZIP: 60007-1555

Country: US

Phone: 847-296-6192/FAX: 800-542-1042

CAGE: 0TNN7

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Composition/Information on Ingredients  
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Ingred Name: MALATHION (CERCLA)

CAS: 121-75

-5  
RTECS #:WM8400000  
Fraction by Wt: 57%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:S, 15 MG/M3  
ACGIH TLV:S, 10 MG/M3; 9495  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:HEAVY AROMATIC NAPHTHA  
CAS:64741-67-9  
RTECS #:VG7067000  
Fraction by Wt: 38%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:EMULSIFIERS  
Fraction by Wt: 5%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS >2000 MG/KG.  
Routes of Entr  
y: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY  
AND GASTROINTESTINAL TRACTS. ACUTE:TOXIC BY INGESTION AND  
INHALATION. CAN BE ABSORBED THROUGH SKIN. CAUSES BLURRED VISION,  
TIGHTNESS IN CHEST, NAUSEA, HEADACHE. C HRONIC- CHOLINESTERASE  
INHIBITION AND RESPIRATORY PROBLEMS.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:IRRITATION, HEADACHE, BLURRED VISI  
ON, NAUSEA,  
TIGHTNESS IN CHEST, SALIVATION AND NERVOUSNESS.  
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS  
OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN OR  
RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH  
AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15  
MINUTES, HOLDING EYELIDS

OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT IN DUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION. PROVIDE OXYGEN IF PERSON HAS DIFFICULTY BREATHING. PROVIDE CPR IF NOT BREATHING.

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

Flash Point:180F,82C

Extinguishing Media:USE WATER, CARBON DIOXIDE, ALCOHOL FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIE

CE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:ABSORB SMALL SPILL WITH SAND, CLAY OR VERMICULITE. TRANSFER TO HOOD. FOR LARGE SPILL, ELIMINATE SOURCES OF IGNITION. WEAR PROTECTIVE EQUIPMENT. STOP LEAK AT SOURCE. DIKE AND PUMP LIQUID TO SALVAGE TAN K. AVOID CONTAMINATING ENVIRONMENT.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN A COOL, DRY, VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED SKIN CONTACT. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. KEEP OUT OF REACH OF CHIL DREN.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH APPROVED AIR SUPPLIED RESPIRATOR.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS.

Protective Gloves:NITRILE

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PRO

PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

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

HCC:V7

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:>65.6C, 150.F

Spec Gravity:1.079

Appearance and Odor:STRAW LIQUID WITH MERCAPTAN ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:EXCESSIVE HEAT, OPEN FLAME

Hazardous

Decomposition Products:MAY FORM CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF PHOSPHORUS.

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

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. REPORTABLE QUANTITY (RQ) FOR MALATHION IS 100 POUNDS.

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