

MICHLIN CHEMICAL CORPORATION -- MICHLIN MALATHION EC-5 -- 6840-00-655-9222

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Product Identification
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Product ID:MICHLIN MALATHION EC-5

MSDS Date:05/16/1992

FSC:6840

NIIN:00-655-9222

MSDS Number: BFJZH

=== Responsible Party ===

Company Name:MICHLIN CHEMICAL CORPORATION

Address:10501 HAGGERTY ST

City:DEARBORN

State:MI

ZIP:48126

Country:US

Info Phone Num:313-846-5700

Emergency Phone Num:313

-846-5700/800-424-9300(CHEMTREC)

Resp. Party Other MSDS Num.:LA MIRADA

Preparer's Name:ERIC NACHLAS

CAGE:8H736

=== Contractor Identification ===

Company Name:MICHLIN CHEMICAL CORPORATION

Address:10501 HAGGERTY ST

Box:City:DEARBORN

State:MI

ZIP:48126

Country:US

Phone:313-846-5700/800-424-9300(CHEMTREC)

CAGE:8H736

Company Name:MICHLIN DIAZO PRODUCTS CORP

Address:10501 HAGGERTY ST

Box:City:DEARBORN

State:MI

ZIP:48126

Country:US

Phone:800-255-3924

CAGE:8Y149

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Composition/Information o

n Ingredients =====

Ingred Name: MALATHION (SARA III)
CAS: 121-75-5
RTECS #: WM8400000
Fraction by Wt: 56.56%
Other REC Limits: NONE RECOMMENDED
OSHA PEL: S, 15 MG/M3
ACGIH TLV: S, 10 MG/M3; 9293
EPA Rpt Qty: 100 LBS
DOT Rpt Qty: 100 LBS

Ingred Name: AROMATIC PETROLEUM SOLVENT
CAS: 8002-05-9
RTECS #: SE7449000
Fraction by Wt: 36.54%
Other REC Limits: NONE RECOMMENDED

Ingred Name: INERT INGREDIENTS
Fraction by Wt: 6.9%
Other REC Limits: NONE RECOMMENDED

===== Hazards Identification
n =====

LD50 LC50 Mixture: LD50 (ORAL-RATS) 2103 MG/KG (TOXICANT)
Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO
Health Hazards Acute and Chronic: ACUTE: INHALATION: RESPIRATORY
IRRITATION. EYES: IRRITANT. SKIN: IRRITANT. INGESTION:
GASTROINTESTINAL DISTURBANCES. CHRONIC: CHOLINESTERASE INHIBITION.
Explanation of Carcinogenicity: NONE OF THE COMPONENTS OF THIS PRODUCT
HAVE SHOWN ANY EVIDENCE OF BEING CARCINOGENIC.
Effects of Overexposure: LABORED BREATHING, VOMITING, TREMORS, DIARRHEA,
CONVULSIONS, HEADACHE, LACRIMATION, SALIVATION.
Medical Cond Aggravated by Exposure: NONE SPECIFIED.

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

First Aid: INHALATION: REMOVE TO FRESH AIR, GIVE CPR/ OXYGEN IF NEEDED.
GET MEDICAL ATTENTION. EYES/SKIN: FLUSH WITH WATER FOR 15 MINUTES.
GET MEDICAL ATTENTION FOR EYE CONTACT. INGESTION: RINSE MOUTH. DO
NOT INDUCE VOMITING. CALL PH

YSICIAN OR POISONCONTROL CENTER. TAKE
ONE OR TWO 1/100 GRAIN ATROPINE TABLETS AND REPEAT IN 1 HOUR.

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

Flash Point Method:TOC

Flash Point:100F,38C

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICALS, CHEMICAL FOAM

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS,
PREVENT SPREAD OF CONTAMINATED RUNOFF.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE
PRODUCTION OF HAZARDOUS DECOMPOSITION PRO
DUCTS.

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

Spill Release Procedures:WEAR RESPIRATORY PROTECTION AND PROTECTIVE
CLOTHING. STOP SOURCE IF POSSIBLE. KEEP SPILL FROM ENTERING STREAMS
OR LAKES. USE ABSORBENT TO SOAK UP SPILL. COLLECT ABSORBED
MATERIALS IN PROPER WASTE DISP OSAL DRUMS.

Neutralizing Agent:NONE SPECIFIED.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED

LOW FIRE RISK AREA. PROTECT FROM PHYSICAL DAMAGE. AVOID ANY
PHYSICAL CONTACT. KEEP CONTAINERS TIGHTLY CLOSED.

Other Precautions:KEEP OUT OF REACH OF CHILDREN. DO NOT CONTAMINATE
FEED, FOOD STUFFS, OR WATER SUPPLIES.

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

Respiratory Protection:SCBA IF INVOLVED IN FIRE, OTHERWISE NIOSH/MSHA-
APPROVED CHEMICAL CARTRIDGE RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE
IN COMBINATION WITH A DUST, MIST, AND FUME FILTER IF

TLV IS

EXCEDED.

Ventilation:PROVIDE LOCAL EXHAUST. USE IN WELL VENTILATED AREA.

Protective Gloves:RUBBER

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:WEAR PROTECTIVE CLOTHING DESIGNED TO PREVENT
SKIN CONTACT. EYE WASH STATION, SAFETY SHOWER, AND OXYGEN SUPPLY.

Work Hygienic Practices:DONOT TAKE INTERNALLY. AVOID SKIN CONTACT. WASH
SKIN AFTER USING PRODUCT. DO NOT EAT DRINK OR SMOKE IN WORK AREA.

Supplemental Safety and Health

STORED MATERIALS SHOULD BE INSPECTED

PERIODICALLY.

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

HCC:F4

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:156F,69C

Vapor Pres:.0004 @30C

Spec Gravity:1.23

Solubility in Water:EMULSIFIABLE

Appearance and Odor:CLEAR BROWN TO COLORLESS LIQUID, SOLVENT ODOR

Percent Volatiles by Volume:36.5

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

Stability Indicator/Materials to Avoid:YES

ARAMITE,ENDRIN,CARBARYL,SULPHENONE,TOXAPHENE,DODINE,

FERLAM,THIRAM

,ZINEB,ZIRIM.

Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON MONOXIDE,

PHOSPHOROUS OXIDE, MALAOXON.

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

Waste Disposal Methods:KEEP IN COVERED DRUMS PENDING DISPOSAL. HANDLE AND DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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