

BAYER CORP AGRICULTURAL DIV (F -- TEMPO 2 EC

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MSDS Safety Information
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FSC: 6840

NIIN: 01-313-7359

MSDS Date: 12/13/1995

MSDS Num: CJTRM

Product ID: TEMPO 2 EC

MFN: 01

Responsible Party

Cage: 32766

Name: BAYER CORP AGRICULTURAL DIV (FORM MOBAY CHEMICAL CORP)

Address: 8400 HAWTHORNE

Box: 4

913

City: KANSAS CITY MO 64120-0013

Info Phone Number: 816-242-2582/816-242-2000

Emergency Phone Number: 800-414-0244

Preparer's Name: UNKNOWN

Chemtec IND/Phone: (800)424-9300

Proprietary Ind: Y

Review Ind: Y

Published: Y

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Contractor Summary
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Cage: 32766

Name: BAYER CORPORATION, AGRICULTURAL DIVISION

Address: HAWTHORNE ROAD

Box: 4913

City: KANSAS CITY MO 64120-0001

Phone: 800-842-8020

Cage: 8C885

Name: EHRLICH J C CHEMICAL CO INC

Address: 500 SPRING RIDGE DR

City: READING PA 19612-3848

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

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Item Description Information
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Item Manager: S9G

Item Name: INSECTICIDE,CYFLUTHRIN

Specification Number: NONE

Type/Grade/Class: NONE

Unit of Issue: BX

Quantitative Expression: 00000000012EA

UI Container Qty: 1

Type of Container: BOTTLES/BOX

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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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LD50 LC50 Mixture: LD50(ORAL,RAT)MALE:647/FEM:695 MG/KG

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUT

E: SEVERE EYE IRRITATION AND MODERATE SKIN IRRITATION

MAY OCCUR FROM CONTACT WITH LIQUID CAUSING REDDENING OF EYES AND SKIN, ITCHING OR RASH AND TINGLING OR BURNING OF SKIN. THIS MATERIAL CAN BE ABSORBED THROUGH SKIN. MUCOUS MEMBRANE IRRITATION INVOLVING NOSE, THROAT AND UPPER RESPIRATORY TRACT MAY OCCUR FROM INHALATION OF AEROSOLS. CONTAINS AROMATIC HYDROCARBON SOLVENTS. VAPOR CONCENTRATIONS ABOVE 1000 PPM CAN IRRITATE EYES, NOSE AND THROAT AND MAY CAUSE DIZZINESS, ANESTHESIA, U

UNCONSCIOUSNESS AND OTHER CNS EFFECTS. CHRONIC: BASED ON ANIMAL STUDIES, NO ADVERSE EFFECTS BUT MAY CAUSE SKIN DE FATTING, LOSS OF APPETITE.

Explanation Of Carcinogenicity: THIS PRODUCT IS NOT LISTED BY IARC, NTP OR OSHA AS CARCINOGENS.

Signs And Symptoms Of Overexposure: NOT PROVIDED.

Medical Cond Aggravated By Exposure: PERSONS WITH A HISTORY OF ASTHMA, EMPHYSEMA OR HYPERREACTIVE AIRWAY DISEASE MAY BE MORE SUSCEPTIBLE TO OVEREXPOSURE. CERTAIN SKIN CONDITIONS MAY ALSO BE AGGRAVATED WITH REPEATED SOLVENT CONTACT.

First Aid: EYES: HOLD EYELIDS OPEN AND FLUSH WITH WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION IMMEDIATELY. SKIN: REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WATER. GET MEDICAL ATTENTION IF INTOXICATED OR IRRITATION DEVELOPS OR PERSISTS. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. SEEK MEDICAL ATTENTION AS SOON AS POSSIBLE. INGESTION: CALL A PHYSICIAN OR POISON CONTROL CENTER. IF ME

DICAL ASSISTANCE CANNOT BE GIVEN IMMEDIATELY, DRINK PROMPTLY LARGE QUANTITIES OF WATER. DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION. AVOID ALCOHOL.

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Handling and Disposal
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Spill Release Procedures: ISOLATE AREA. DO NOT WALK THROUGH SPILL. REMOVE SOURCES OF IGNITION. VENTILATE AREA. WEAR PROPER PROTECTIVE EQUIPMENT. IF LARGE SPILL, MATERIAL SHOULD BE RECOVERED. SMALL SPILLS CAN BE ABSORBED WITH ABSORBENT GRANULES. CAREFULLY SWEEP UP AND PLACE IN COVERED CONTAINER FOR REUSE OR DISPOSAL. DO NOT ALLOW MATERIAL ENTER STREAMS, SEWERS OR OTHER WATERWAYS.

Neutralizing Agent: NOT PROVIDED.

Waste Disposal Methods: FOLLOW CONTAINER LABEL INSTRUCTIONS FOR DISPOSAL OF WASTES GENERATED DURING USE IN COMPLIANCE WITH THE FIFRA PRODUCT LABEL. IN OTHER SITUATIONS, BURN IN A RCRA HAZARDOUS WASTE INCINERATOR. DO NOT REUSE CONTAINER UNLESS AUTHORIZED BY BAYER CORPORATION

Handling

And Storage Precautions: STORE IN A COOL, DRY AREA DESIGNATED SPECIALLY FOR PESTICIDES. DO NOT STORE NEAR ANY MATERIAL INTENDED FOR USE OR CONSUMPTION BY HUMANS OR ANIMALS. STORAGE TEMPERATURE (MIN/MAX): 0F/30 DAY AVERAGE NOT TO EXCEED 100F. SPECIAL SENSITIVITY: HEAT, MOISTURE

Other Precautions: NOT PROVIDED.

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Fire and Explosion Hazard Information
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Flash Point Method: SCC

Flash

Point: =47.2C, 117.F

Autoignition Temp Text: E/P

Lower Limits: NOT ESTABLISHED

Upper Limits: NOT ESTABLISHED

Extinguishing Media: FOAM.DRY CHEMICAL

Fire Fighting Procedures: KEEP OUT OF SMOKE.COOL EXPOSED CONTAINERS WITH WATER SPRAY.FIGHT FIRE FROM UPWIND POSITION.USE SELF-CONTAINED BREATHING EQUIPMENT.CONTAIN RUNOFF BY DIKING TO PREVENT ENTRY INTO SEWERS OR WATERWAYS.EQUIPMENT OR MATERIALS INVOLVED IN PESTICIDE FIRES MAY BECOME CONTAMINATED.

Unusual Fire/Explosion Hazard: NOT PROVIDED.

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Control Measures
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Respiratory Protection: IF NEEDED TO PREVENT RESPIRATORY IRRITATION,WEAR AN ORGANIC VAPOR RESPIRATOR WITH DUST AND MIST FILTER APPROVED BY NIOSH OR NIOSH-APPROVED PESTICIDE RESPIRATOR.

Ventilation: MAINTAIN EXPOSURE LEVELS BELOW EXPOSURE LIMITS THROUGH USE OF GENERAL AND LOCAL EXHAUST VENTILATION.

Protective Gloves: CHEMICAL RESISTANT GLOVES

Eye Protection: SPLASH

-PROOF GOGGLES OR FACESHIELD

Other Protective Equipment: USE CHEMICAL RESISTANT GLOVES,BOOTS OR SHOE COVERS AND APRON TO PREVENT DERMAL EXPOSURE. CLEAN WATER AND SOAP SHOULD BE AVAILABLE FOR WASHING IN CASE OF EYE OR SKIN CONTAMINATION.

Work Hygienic Practices: EDUCATE AND TRAIN EMPLOYEES IN SAFE USE OF THE PRODUCT.FOLLOW ALL LABEL INSTRUCTIONS.LAUNDRY CLOTHING SEPERATELY AFTER USE.WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health: NONE
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Physical/Chemical Properties
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HCC: F5

B.P. Text: NOT ESTABLISHED

Melt/Freeze Pt: =-6.5C, 20.F

Decomp Text: NOT PROVIDED.

Vapor Pres: 3.3 X 10-8MMHG@20C

Vapor Density: N/E

Spec Gravity: 0.99G/CC@20C

Viscosity: NOT PROVIDED.

Evaporation Rate & Reference: NOT PROVIDED.

Solubility in Water: 2PPB@20C

Appearance and Odor: CLEAR,DARK AMBER LIQUID;AROMATIC ODOR.

Percent Volatiles by Volume: NOT ESTABLIS

Corrosion Rate: NOT PRO
VIDED.
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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: NOT NOTED

Materials To Avoid: ALKALINE MEDIA REACTS WITH METHANOL INCOMPATIBLE WITH MOST DISINFECTANTS

Hazardous Decomposition Products: NOT ESTABLISHED

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT PROVIDED.
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Toxicolog

ical Information

Toxicological Information: ORAL LD50: MALE RAT: 647 MG/KG - FEMALE RAT: 695 MG/KG. DERMAL LD50: MALE AND FEMALE RABBIT: >2000 MG/KG. INHALATION LC50: 4 HR EXPOSURE TO LIQUID AEROSOL: MALE RAT: 0.715 MG/L (ANALYTICAL) - FEMALE RAT: 0.924 MG/L (ANALYTICAL); 1 HR EXPOSURE TO LIQUID AEROSOL: RAT >2.029 MG/L (ANALYTICAL)

Ecological Information

Ecological: NOT PROVIDED.

MSDS Transport Information

Regulatory Information

Sara Title III Information: SECTION 302: NONE. SECTION 311/312 HAZARD CATEGORIES: IMMEDIATE HEALTH HAZARD, DELAYED HEALTH HAZARD, FIRE HAZARD. SECTION

313 TOXIC CHEMICALS: NAPHTHALENE 3.4% (CAS NO. 91-20-3); CYFLUTHERIN (CAS NO. 68359-37-5). RCRA STATUS: WHEN DISCARDED IN ITS PURCHASED FORM, THIS PRODUCT MEET THE CRITERIA OF IGNITABILITY, AND SHOULD BE MANAGED AS A HAZARDOUS WASTE (EPA HAZARDOUS WASTE NUMBER D001). (40 CFR 261.20-24)

Federal Regulatory Information: OSHA STATUS: THIS PRODUCT IS HAZARDOUS UNDER THE CRITERIA OF THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200. TSCA STATUS: THIS PRODUCT IS EXEMPT FROM TSCA REGULATION UNDER

FIFRA SECT ION 3 (2)(B)(II) WHEN USED AS A PESTICIDE. CERCLA REPORTABLE QUANTITY: 2941 POUNDS OF FORMULATION WHICH CONTAINS 100 POUNDS OF NAPHTHALEN; 14,600 POUNDS OF FORMULATION WHICH CONTAINS 5,000 POUNDS OF CYCLOHEXANONE. EPA REGISTRATION NUMBERS: 3125-352 & 3125-372.

State Regulatory Information: NOT PROVIDED.

Other Information

Other Informati

on: NOTE TO PHYSICIAN: ANTIDOTE - NO SPECIFIC ANTIDOTE IS AVAILABLE. TREAT VICTIM SYMPTOMATICALLY. PUBLISHED DATA INDICATE VITAMIN E ACETATE CAN PREVENT THE SYMPTOMS OF PARAESTHESIA CAUSED BY PYRETHROIDS. WHEN TREATING THE POISONING VICTIM, BE AWARE THAT THIS FORMULATION CONTAINS 30-40% AROMATIC PETROLEUM DISTILLATES. MINUTE AMOUNTS ASPIRATED INTO THE LUNGS DURING INGESTION OR VOMITING CAN CAUSE MILD TO SEVERE PULMONARY INJURY AND POSSIBLY DEATH. IN CASE OF POISONING, IT IS REQUEST

ED THAT BAYER CORPORATION

BE NOTIFIED (800-842-8020 OR NON-WORKING HOURS AT 800-414-0244.

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Transportation Information
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Responsible Party Cage: 32766

Trans ID NO: 150269

Product ID: TEMPO 2 EC

Review Date: 11/24/1999

MFN: 1

Tech Entry NOS Shipping Nm: CYFLUTHERIN, CYCLOHEXANONE

Net Unit Weight: 6.27LBS/BOX

Limited Quantity IND: Y

Multiple KIT Number: 0

Unit Of Issue: BX

Container QTY:

1

Type Of Container: BOTTLES/BOX

Additional Data: LIMITED QUANTITIES ARE EXEMPT FROM LABELING AND PLACARDING SEE
49CFR 173.153. PROPER SHIPPING NAME, HAZARD CLASSES AND PACKING GROUP, PER
MSDS.

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Detail DOT Information
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DOT PSN Code: LJU

Symbols: G

DOT Proper Shipping Name: PESTICIDES, LIQUID, TOXIC, FLAMMABLE, N.O.S.

DOT PSN Modifier: FLASHPOINT NOT LESS THAN 23 DEGREES C

Hazard Cla

ss: 6.1

UN ID Num: UN2903

DOT Packaging Group: III

Label: KEEP AWAY FROM FOOD, FLAMMABLE LIQUID

Special Provision: B1,T14

Packaging Exception: 153

Non Bulk Pack: 203

Bulk Pack: 242

Max Qty Pass: 60 L

Max Qty Cargo: 220 L

Vessel Stow Req: A

Water/Ship/Other Req: 40

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Detail IMO Information
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IMO PSN Code: LKM

IMO Proper Shipping Name: PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S.

IMO PSN Mod

ifier: FLASHPOINT BETWEEN 23 DEG C AND 61 DEG C C.C. o

IMDG Page Number: 6220

UN Number: 2903

UN Hazard Class: 6.1

IMO Packaging Group: I/II/III

Subsidiary Risk Label: FLAMMABLE LIQUID

EMS Number: 6.1-01

MED First Aid Guide NUM: *

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Detail IATA Information
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IATA PSN Code: TGG

IATA UN ID Num: 2903

IATA Proper Shipping Name: PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S. *,

IATA PSN Modifier:

FLASH POINT 23 DEG C OR MORE

IATA UN Class: 6.1

Subsidiary Risk Class: 3

IATA Label: TOXIC & FLAMMABLE LIQUID

UN Packing Group: III

Packing Note Passenger: 611

Max Quant Pass: 60L

Max Quant Cargo: 220L

Packaging Note Cargo: 618

Exceptions: A3,A4,A6

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Detail AFI Information
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AFI PSN Code: TGG

AFI Symbols: *

AFI Proper Shipping Name: PESTICIDES, LIQUID, TOXIC, FLAMMABLE, N.O.S.,

AFI P

SN Modifier: FLASH POINT NOT LESS THAN 23 DEGREES C

AFI Hazard Class: 6.1

AFI UN ID NUM: UN2903

AFI Packing Group: III

AFI Label: 3

Special Provisions: P5

Back Pack Reference: A10.5

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HAZCOM Label
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Product ID: LABEL COVERED UNDER EPA REGS - HAZCOM LABEL NOT AUTHORIZED
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ies): This

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