

MILES AGRICULTURAL DIVISION -- TEMPO 2;21641 -- 6840-01-313-7359

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Product Identification
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Product ID:TEMPO 2;21641

MSDS Date:12/10/1993

FSC:6840

NIIN:01-313-7359

MSDS Number: BWCJF

=== Responsible Party ===

Company Name:MILES AGRICULTURAL DIVISION

Address:HAWTHORN RD

Box:4913

City:KANSAS CITY

State:MO

ZIP:64120

Country:US

Info Phone Num:816-242-2000

Emergency Phone Num:816-242-2582/800-

424-9300(CHEMTREC)

CAGE:NO411

=== Contractor Identification ===

Company Name:BAYER CORPORATION, AGRICULTURAL DIVISION

Address:HAWTHORNE ROAD

Box:4913

City:KANSAS CITY

State:MO

ZIP:64120-0001

Country:US

Phone:800-842-8020

CAGE:32766

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

CAGE:8C885

Company Name:MILES AGRICULTURAL DIVISION

Address:HAWTHORN RD

Box:4913

City:KANSAS CITY

State:MO

ZIP

:64120
Country:US
Phone:816-242-2000
CAGE:NO411

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Composition/Information on Ingredients
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Ingred Name:TEMPO (CYFLUTHRIN)
CAS:68359-37-5
RTECS #:GZ1253000
Fraction by Wt: 24%
Other REC Limits:NONE RECOMMENDED

Ingred Name:INGREDIENT 2037(MILES)--TRADE SECRET
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:INGREDIENT 1976(MILES)--TRADE SECRET;MAY BE USED INSTEAD OF
INGREDIENT 2037;1-5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:INGREDIENT 19
75(MILES)--TRADE SECRET
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:CYCLOHEXANONE (SARA III)
CAS:108-94-1
RTECS #:GW1050000
Fraction by Wt: 30-40%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 25 PPM; 9394
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:INGREDIENT 1406(MILES)--TRADE SECRET
Fraction by Wt: 10-20%
Other REC Limits:NONE RECOMMENDED

Ingred Name:ETHYL BENZENE (SARA III)
CAS:100-41-4
RTECS #:DA0700000
Fraction by Wt: 1-5%
Other REC

Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM/125STEL;9394
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:O-XYLENE (O-DIMETHYLBENZENE) (SARA III)
CAS:95-47-6
RTECS #:ZE2450000
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM/150STEL;9394
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:M-XYLENE (M-DIMETHYLBENZENE) (SARA III)
CAS:108-38-3
RTECS #:ZE2275000
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM

ACGIH TLV:100 PPM/15OSTEL;9394
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:1,2,4-TRIMETHYLBENZENE (SARA III)
CAS:95-63-6
RTECS #:DC3325000
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:25 PPM
ACGIH TLV:25 PPM; 9394

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 647MG/KG CYFLUTHRIN
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards

Acute and Chronic:EYES:MAY CAUSE SEVERE IRRITATION.SKIN:MAY CAUSE IRRITATION AND SENSITIZATION.MAY BE DERMALLY ABSORBED IN HARMFUL AMOUNTS.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL:MAY CAUSE RESPIRATORY IRRITATION AND CNS EFFECTS.CHRONIC:DEFATTING OF SKIN.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of

Overexposure:EYES:REDNESS,TEARING.SKIN:ITCHING,REDNESS,RASH,PARESTHESIA(TINGL

ING SENSATION AT THE SURFACE OF THE

SKIN).INHAL:NARCOSIS,NAUSEA,LIGHTHEADEDNESS,DIZZINESS.CHRONIC(SOLVENTS):NAUSEA,HEADACHE,LOSS OF APPE TITE,WEAKNESS,ALCOHOL INTOLERANCE.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN(PSORIASIS) AND RESPIRATORY(EMPHYSEMA) AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.GET MEDIC

AL ATTENTION IF SIGNS OF INTOXICATION

DEVELOP.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICI AL RESPIRATION(MOUTH-TO-MOUTH) IF NEEDED.INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,GIVE LARGE AMOUNTS OF WATER.AVOID ALCOHOL.**CALL MILES:816-242-2582**

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

Flash Point Method:TCC

Flash Point:105F,41C

Extinguishing Media:FOAM,DRY CHEMICAL.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire/Explosion Hazard:RUNOFF FROM FIRE MAY CONTAMINATE WATERWAYS,AND EQUIPMENT OR MATERIALS USED TO FIGHT FIRE.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION.USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT.VENTILATE AREA.SOAK UP WITH A NON-COMBUSTIBLE

INERT ABSORBANT(CLAY,SAND);PLACE IN PROPER CONTAINER FOR DISPOSAL.DISINFECT AREA WITH DETERGENT&BLEACH.AVOID SEWER DISCHARGE.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE AT TEMPERATURES BETWEEN 0-100F.FOLLOW LABEL DIRECTIONS.AVOID HEAT AND MOISTURE.

Other Precautions:KEEP AWAY FROM FOOD IN A PESTICIDE DESIGNATED AREA.

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

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Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS,DUST AND MISTS OR A NIOSH APPROVED PESTICIDE RESPIRATOR.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:SOLVENT RESISTANT

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health

TREAT PARESTHESIA WITH VITAMIN E ACETATE.IN TREATING VICTIM,NOTE THAT THIS ITEM CONTAINS 30-40% AROMATIC HYDROCARBONS AND 30-40% CYCLOHEXANONE(WHICH MAY CAUSE LUNG DAMAGE IF VOMITED AFTER INGESTION).E PA REG #3125-372 AND 3125-352.

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

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CC:F5

Melt/Freeze Pt:M.P/F.P Text:20.0F,-6.7C

Vapor Pres:3.3E-8

Spec Gravity:0.99

Evaporation Rate & Reference:NOT REPORTED

Solubility in Water:NEGLIGIBLE

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

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

Stability Indicator/Materials to Avoid:YES

ALKALINE MATERIALS WILL REACT WITH METHANOL.AVOID MOST DISINFECTANTS.

Stability Condition to Avoid:HIGH HEAT,SOURCES OF IGNITION.MOISTURE.

Hazardous Decomposition Produc

ts:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:INCINERATE OR DISPOSE OF AS RCRA HAZARDOUS WASTE
IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

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