

CIBA-GEIGY CORPORATION,AGRICULTURAL DIVISION -- SUBDUE 2E (METALAXYL) -- 6840-00N006678

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Product Identification
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Product ID:SUBDUE 2E (METALAXYL)
MSDS Date:01/01/1987
FSC:6840
NIIN:00N006678
MSDS Number: BCNJNI
=== Responsible Party ===
Company Name:CIBA-GEIGY CORPORATION,AGRICULTURAL DIVISION
Address:410 SWING ROAD
Box:18300
City:GREENSBORO
State:NC
ZIP:27419
Info Phone Num:919-292-7100
Emergency Phone Num:800-888-8372 OR 800-334-9481
CAGE:CIBAG

=== Contractor Identification ===
Company Name:CIBA-GEIGY CORP, AGRICULTURAL DIV.
Address:410 SWING ROAD
Box:18300
City:GREENSBORO
State:NC
ZIP:27419
Phone:800-888-8372 OR 800-334-9481
CAGE:8K340
Company Name:CIBA-GEIGY CORPORATION, FURANE PRODUCTS
Address:5121 SAN FERNANDO ROAD WEST
City:LOS ANGELES
State:CA
ZIP:90039
Country:US
Phone:818-247-6210
CAGE:CIBAG

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Composition/Information on Ingredients
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Ingred Name:METALAXYL: N-(2,6-DIMETHYLPHENYL)-N-(METHOXYACETYL)ALANINE
METHYL ESTER
CAS:57837-19-1
RTECS #:AY6910000
Fraction by Wt: 25%

Ingred Name:INERT INGREDIENTS
Fraction by Wt: 75%

Ingred Name:XYLENE RANGE AROMATIC SOLVENT (42% INCLUDED IN INERT
INGREDIENTS)
ACGIH TLV:S,100 PPM (MFR)

Ingred Name:PROPYLENE GLYCOL MONOMETHYL ETHER
CAS:107-98-2
RTECS #:UB7700000

OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9192

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Hazards Identification
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Effects of Overexposure:EYES: CORROSIVE. SKIN: MODERATELY IRRIT;MAY
DEFAT SKIN. INHAL: PRLNG INHAL MAY CAUSE (SEE OTHR PREC)

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First Aid Measures
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First Aid:EYES: FLUSH W/PLENTY OF H*2O FOR AT LEAST 15 MIN & GET MED
ATTN. SKIN: WASH W/SOAP & H*2O. GET MED ATTN IF IRRITATION OCCURS.
INHALATION: IF INHALED,REMOVE TO FRESH AIR. INGESTION: DO NOT
INDUCE VOMIT ING. GIVE MILK OR H*2O & GET MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point:96F,TCC (TYPICAL
Extinguishing Media:DRY CHEMICAL EXTINGUISHER OR CARBON DIOXIDE
Fire Fighting Procedures:TREAT AS OIL-GAS FIRE WHERE CONFINE,REDUCE
(SEE OTHR PRECAU)
Unusual Fire/Explosion Hazard:FLAMMABLE LIQUID

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Accidental Release Measures
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Spill Release Procedures:SOAK UP SPILL W/ABSORBENT MATERIAL SUCH AS
EXCESS LIME. SWEEP INTO A DISPOSABLE CONTAINER. WASH SURFACES WELL
W/H*2O CONTAINING CAUSTIC SODA, FOLLOWED BY WASH W/DETERGENT. DO
NOT ALLOW TO CONTAMINATE H*2O SUPPLIES.

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Handling and Storage
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Handling and Storage Precautions:DO NOT USE, POUR, STORE OR SPILL NEAR
OPEN FLAME. DO NOT REUSE OPEN CONTAINER.
Other Precautions:SPECL FIRE FIGHT PROC: VAPOR & OTHER DISCHARGES TO
ENVIRON AS QUICK AS POSS. EFFECTS OF OVEREXP:
HEADACHE,DIZZY,NAUSEA. INGEST: CHEM PNEUMONIA POSS IF VOMIT. RESP
PROTECT: NOT NEC FOR NORM USE

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Exposure Controls/Personal Protection
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Respiratory Protection:NIOSH/MSHA APVD RESPIRATOR FOR PRLNG USE/SPECIAL
CASE,(SEE OTHR PREC
Ventilation:OPEN IN WELL VENT AREA. DONT BREATHE VAPS IN CONFINED
SPACE.
Protective Gloves:RUBBER GLOVES
Eye Protection:GOGGLES OR FACE SHIELD
Other Protective Equipment:CLOTHES,EQUIP CONSISTENT W/GOOD PESTICIDE
HANDLING,APPLICATN
Supplemental Safety and Health
VAP DENSITY,% VOLATILE BY VOL,EVAP RATE: NOT AVAILABLE. SOLUBILITY IN
H*2O: GIVEN FOR ACTIVE INGREDIENT. LEL: 1.6% +/- 0.25% BY VOL @
50C. UEL: 5.0% +/- 0.25% BY VOL @ 50C.

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Physical/Chemical Properties
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HCC:F4

Boiling Pt:B.P. Text:155 +/- 5C
Vapor Pres:3
Spec Gravity:1.01
Solubility in Water:0.7%
Appearance and Odor:LIGHT YELLOW LIQUID; AROMATIC SOLVENT ODOR

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

Stability Indicator/Materials to Avoid:YES
AVOID CONTAMINATION W/H*2O & ALKALIES
Stability Condition to Avoid:AVOID STORAGE AT HIGH TEMPERATURES;
PROTECT FROM ALKALIES
Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:CONSULT QUALIFIED LOCAL OR CORPORATE PERSONNEL
FOR METHODS THAT WILL COMPLY W/LOCAL, STATE & FEDERAL HEALTH &
ENVIRONMENTAL REGULATIONS. DO NOT CONTAMINATE H*2O SUPPLIES.

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