

CIBA-GEIGY CORP, AGRICULTURAL DIV. -- TINOPAL CBS-X -- 6850-01-306-2469

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Product Identification  
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Product ID:TINOPAL CBS-X

MSDS Date:05/18/1993

FSC:6850

NIIN:01-306-2469

MSDS Number: CCCHS

=== Responsible Party ===

Company Name:CIBA-GEIGY CORP, AGRICULTURAL DIV.

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:8K340

=== 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:TILLEY CHEMICAL CO

CAGE:3D914

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Composition/Information on Ingredients  
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Ingred Name:DISTYRYL BIPHENYL DERIVATIVES

Fraction by Wt: 100% %

Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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LD50 LC50 Mixture:ORAL LD50 >5000 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE: CORROSIVE, BURNS, & IRRITATION.

SKIN: IRRITATION. INHALATION/INGESTION: HARMFUL.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:EYE:BURNS, & IRRITATION. SKIN:IRRITATION.

INGESTION:STOMACHACHE, DIARRHEA. INHALATION:COUGHING.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES:IMMEDIATELY FLUSH W/WATER FOR AT LEAST 15 MINUTES. GET MED ATTENTION AND SEE OPHTHALMOLOGIST. SKIN:REMOVE CONTAMINATED CLOTHING & FLUSH W/LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS, CONTACT P HYSICIAN. INHALATION:REMOVE TO FRESH AIR. INGESTION:IF CONSCIOUS, GIVE PLENTY OF WATER TO DRINK. GET MEDICAL ATTENTION. IF UNCONSCIOUS, DO NOT GIVE ANYTHING TO DRINK.

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

Flash Point:NONFLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:CO2, DRY CHEMICAL, FOAM, WATER

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:FIRE MAY PRODUCE HAZARDOUS AND/OR TOXIC DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:WEAR DUST MASK. SHOVEL INTO APPROVED DISPOSAL CONTAINER. VACUUM CONTAMINATED AREA. AVOID CREATING DUSTY CONDITIONS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:EMPTY CONTAINER MAY CONTAIN RESIDUES OF THE PRODUCT & SHOULD NOT BE REUSED FOR ANY PURPOSE W/O RECONDITIONING.

Other Precautions:AVOID BREATHING DUST, VAPOR OR M

IST. KEEP CONTAINER  
CLOSED. FOR INDUSTRIAL USE ONLY.

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

Respiratory Protection:IN CASES WHERE THERE IS A LIKELIHOOD OF  
INHALATION EXPOSURE TO THE POWDER (DUST), WEAR A NIOSH APPROVED  
DUST RESPIRATOR.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION AS  
REQUIRED TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:NONE SPECIFIED BY MANUFACTURER.

Eye Protection:GOGGLES

Other Protective Equipment:CHEMICAL RESI  
STANT CLOTHING AS NECESSARY TO

PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE  
AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER  
BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

HCC:N1

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:

NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:NOT GIVEN

pH:7-8.5

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:SLIGHT, 25 G/L

Appearance and Odor:YELLOW-GREEN GRANULES, NO ODOR

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:OXIDES OF CARBON, NITROGEN OR SULFUR

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===== Dispos

al Considerations =====

Waste Disposal Methods: BURY/INCINERATE IN APPROVED SITE/FACILITY IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

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