

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

=====  
Product Identification  
=====

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:800-888-837

2 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

=====  
Composition/Information on Ingredients  
=====

Ingred Name:DISTYRYL BIPHENYL DERIVATIVES

Fraction by Wt: 100% %

Other REC Limits:NONE RECOMMENDED

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

=====

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, GIV

E PLENTY OF WATER TO DRINK. GET MEDICAL ATTENTION. IF UNCONS CIOUS, 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 M

asures =====

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

MIST. KEEP CONTAINER  
CLOSED. FOR INDUSTRIAL USE ONLY.

===== 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 RES

ISTANT 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.

===== 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

===== 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

===== Dispo

sal Considerations =====

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

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.