

Material Safety Data Sheet

FIRE EXTINGUISHING MEDIA:

Water spray, Carbon Dioxide, Dry Chemical Powder or Appropriate Foam.

SPECIAL FIREFIGHTING INSTRUCTIONS:

Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6. -----ACCIDENTAL RELEASE MEASURES-----

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.

SPILL CLEANUP MEASURES:

Shovel or sweep up immediately with care to avoid dust. Place in suitable container and hold for proper disposal. Ventilate area and wash spill site after material pickup is complete.

SECTION 7. -----HANDLING AND STORAGE-----

HANDLING AND STORAGE REQUIREMENTS:

Store in original or similar waterproof containers. Keep container tightly closed as sunlight damages product. Store in a cool, dark area. Avoid dust generation or exposure to light.

SECTION 8. -----PERSONAL PROTECTION/EXPOSURE CONTROLS-----

EYE/FACE PROTECTION: Wear safety goggles. Wear coverall chemical splash goggles and face shield when possibility exists for eye and face contact from airborne material. Eye bath available.

SKIN PROTECTION: Wear appropriate impervious clothing such as compatible chemical-resistant. Safety shower available.

RESPIRATORY PROTECTION: NIOSH/MSHA approved air purifying respirator.

ENGINEERING CONTROLS: Local exhaust required. Use only with adequate ventilation.

SECTION 9. -----PHYSICAL AND CHEMICAL PROPERTIES-----

PHYSICAL STATE: Powder

MELTING POINT: 150°C

BOILING POINT: N/A

SPECIFIC GRAVITY: N/A

APPEARANCE: Cream to pale yellow

ODOR: Odorless

OTHER: Solubility in water: Negligible

SECTION 10. -----STABILITY AND REACTIVITY-----

INCOMPATIBILITIES:

Incompatible with sunlight; will damage product. Avoid strong oxidizers.

HAZARDOUS DECOMPOSITION:

Combustion released noxious Nox and corrosive and toxic hydrogen chloride.

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CHEMICAL STABILITY:

Stable

HAZARDOUS POLYMERIZATION:

Polymerization will not occur.

SECTION 11. -----TOXICOLOGICAL INFORMATION-----**TOXICOLOGICAL EFFECTS:**

May cause skin and eye irritation. Inhalation of dust may be harmful. Ingestion may irritate gastrointestinal tract.

SECTION 12. -----ECOLOGICAL INFORMATION-----**ECOLOGICAL EFFECTS:**

Data not yet available.

SECTION 13. -----DISPOSAL INFORMATION-----**WASTE MANAGEMENT PROCEDURES:**

Landfill or incinerate in accordance with all Federal, State and Local environmental regulations.

SECTION 14. -----TRANSPORT INFORMATION-----**TRANSPORTATION INFORMATION:**

This is a non regulated material. There is no restriction on mode of transportation.

-----DOT (DOMESTIC SURFACE)-----

PROPER SHIPPING NAME: This is a non regulated material not listed by DOT.

HAZARD CLASS OR DIVISION:

UN / NA NUMBER:

PACKING GROUP:

DOT PRODUCT RQ lbs (kgs):

HAZARD LABEL (s):

HAZARD PLACARD (s):

-----IMO / IMDG CODE (OCEAN)-----

PROPER SHIPPING NAME: This is a non regulated material.

HAZARD CLASS DIVISION NUMBER:

UN NUMBER:

PACKAGING GROUP:

HAZARD LABEL (s):

HAZARD PACKARD (s):

-----ICAO / IATA (AIR)-----

PROPER SHIPPING NAME: This is a non regulated material not listed by IATA.

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Chemical Name: 1,1'-Bi-1H-imidazole, 2,2',4-tris(2-chlorophenyl)-5-(3,4-dimethoxyphenyl)-4',5'-diphenyl- (9CI)

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HAZARD CLASS DIVISION NUMBER:
UN NUMBER:
SUBSIDIARY RISK:
PACKING GROUP:
HAZARD LABEL (s):
RADIOACTIVE?:
PASSENGER AIR - MAX QTY:
PASSENGER PACKING INSTRUCTION:
CARGO AIR - MAX QTY:
CARGO AIR PACKAGING INSTRUCTION:

SECTION 15. -----REGULATORY INFORMATION-----

REGULATORY INFORMATION:

Inventory Status
On TSCA Inventory
July 2003 Inventory Tape.
Commencement to manufacture, Fed, Regist. 51 #126:23966 (10 Jul 1986).
EPA Flags:
P Commenced PMN
On NDSL
Canada Gazette, Part I, January 31, 1998.
On ECL
Korean Existing Chemicals List, January 1997.
On ASIA-PAC
Regulatory List Number
EPA No.: P 85-1451
ECL Serial No.: KE-11089
Confidentiality Status
Public
Premanufacture Notice-TSCA Sec. 5a1
Premanufacture Notice
number: P 85-1451. Fed. Regist. 50 #188:39167 (27 Sep 1985).

SECTION 16. -----ADDITIONAL INFORMATION-----

ADDITIONAL INFORMATION:

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Hampford Research, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. Hampford Research grants permission to make unlimited paper copies for internal use only.

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