MATERIAL SAFETY DATA SHEET

SECTION I. IDENTIFICATION OF PRODUCT
CHEMICAL NAME: Biphenyl
SYNONYM OR CROSS REFERENCE: Diphenyl
FORMULA: C_{6}H_{5}C_{6}H_{5}

SECTION II. HAZARDOUS INGREDIENTS
MATERIAL: N/A
NATURE OF HAZARD: N/A

SECTION III. PHYSICAL DATA
BOILING POINT: 225°C
MELTING POINT: 69°C to 72°C
VAPOR PRESSURE (mm Hg): 9.46 at 115°C
SPECIFIC GRAVITY: 0.992 g/ml
VAPOR DENSITY (AIR = 1): 5.31
PERCENTAGE VOLATILE BY VOLUME (%): 0
WATER SOLUBILITY: Insoluble
EVAPORATION RATE: 0
APPEARANCE: Colorless leaflets

SECTION IV. FIRE AND EXPLOSION HAZARD DATA
FLASH POINT (method used): Nonflammable
FLAMMABLE LIMITS
Uel  LeL
5.8%  0.6%
FIRE EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical
SPECIAL FIRE-FIGHTING PROCEDURES: N/A

SECTION V. HEALTH HAZARD
THRESHOLD LIMIT VALUE: 1.3 mg/m³ (0.2 ppm)
HEALTH HAZARDS: Harmful by inhalation and if swallowed
FIRST AID PROCEDURES: Wash with copious amounts of water

A/W #901139.01 For P/N 901139.001, Issued 10/29/99, Rev A  1 of 2
5" x 7" 110# Card Stock Color White
SECTION VI. REACTIVITY DATA

STABILITY:

<table>
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<th></th>
<th>UNSTABLE</th>
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<tbody>
<tr>
<td></td>
<td>STABLE</td>
<td>X N/A</td>
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INCOMPATIBILITY (materials to avoid): Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide

HAZARDOUS MAY OCCUR CONDITIONS TO AVOID:

POLYMERIZATION:

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<th>WILL NOT OCCUR</th>
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SECTION VII. SPILL AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: No special procedures

WASTE DISPOSAL METHOD: Burn in chemical incinerator

DISPOSE OF BY MEANS AS TO COMPLY WITH LOCAL, STATE AND FEDERAL REGULATIONS OR CONTACT AN APPROVED AND LICENSED DISPOSAL AGENCY.

SECTION VIII. PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type): Respirators for high dust level usage

VENTILATION:

<table>
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<tr>
<td></td>
<td>MECHANICAL</td>
<td>N/A</td>
<td>OTHER</td>
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PROTECTIVE GLOVES: Gloves recommended

EYE PROTECTION: Safety glasses recommended

OTHER PROTECTIVE EQUIPMENT: N/A

SECTION IX. HANDLING AND STORAGE PRECAUTIONS

STORAGE AND HANDLING: Cool dry place

SECTION X. MISCELLANEOUS INFORMATION

INFORMATION FURNISHED BY: R.L. Blaine

TITLE: Manager, Applications Development

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