Material Safety Data Sheet   Issue Date: 05/02/03

Section 1: Chemical Product and Company Identification
Cat#: 08794
Part Name: POLY(2 6-DIMETHYL-1 4-PHENYLENE OXIDE)
Supplier: Polysciences, Inc.
400 Valley Road
Warrington, PA 18976
Telephone #215-343-6484

Section 2: Composition/ Information on Ingredients

Item#       Name                                CAS#          Fraction
1 Poly(2,6-dimethyl-1,4-phenylene oxide) 025134014 1

OSHA (ACGIH) Exposure Limits

<table>
<thead>
<tr>
<th>TWA</th>
<th>STEL</th>
<th>CEILING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ppm</td>
<td>mg/m3</td>
<td>ppm</td>
</tr>
<tr>
<td>NE</td>
<td>NE</td>
<td>NE</td>
</tr>
</tbody>
</table>

IDLH: NE  ACGIH: NE NE NE NE NE NE NE

Section 3: Hazards Identification
Low hazard for usual industrial or commercial handling.

Hazard Ratings:
These ratings are Polysciences' Inc. own assestments of the properties of the material using the ANSI/NFPA 704 Standard.
Additional information can be found by consulting in the NFPA published ratings lists (List 325 and List 49).
If no data is listed the information is not available.
Health     Flammability     Reactivity
0 ----- 0 ------ 0

Section 4: First Aid Measures
Brush off the skin.
Contact medical personnel if discomfort persists.
Flush eyes with flowing water for at least 15 minutes.
If swallowed, wash out mouth with water if person is conscious.
Separate eyelids with finger tips.
Wash skin with deluge of water for at least 15 minutes.

Section 5: Fire Fighting Measures

Section 6: Accidental Release Measures
Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.
No special measures are indicated.

Section 7: Handling and Storage
Store at 25 deg. C.

Section 8: Exposure Controls/ Personal Protection
The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.
No special protection is indicated.
Section 9: Physical and Chemical Properties
Formula: \((C8H8O)n\) vapor pressure: no data
Formula Weight: 20,000 vapor density: no data
boiling point: no data Specific gravity: 1.06
melting point: no data ph: no data
solubility: no data appearance: off-white powder

Section 10: Stability and Reactivity
Chemical Stability: stable
Conditions to Avoid: none
Incompatibility with other materials: none
Hazardous Decomposition Products: none
Hazardous Polymerization: will not occur

Section 11: Toxicological Information
Acute Data: no data
Subchronic data: no data

Section 12: Ecological Information
no data

Section 13: Disposal Considerations
The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.
CAS# Waste Code Regulated Name
025134014 not listed not listed

Section 14: Transportation Data
Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

Section 15: Regulatory Information
All components of this product are on the TSCA public inventory.

Prop 65 - Column A identifies those items which are known to the State of California to cause cancer. Column B identified items which are known to the State of California to cause reproductive toxicity.
CAS# Column A Column B
025134014 no no

State Regulatory Information: If a CAS# is listed below this material is subject to the listed state right-to-know requirements.
CAS# 025134014 not listed

SARA Toxic Release Chemicals (as defined in Section 313 of SARA Title III) This list identifies the toxic chemicals, including their de minimis concentrations for which reporting is required under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA). The list is also referred to as the Toxics Release Inventory (TRI) List.
CAS# Regulated Name de minimis conc. %Rep. Thres.
025134014 not listed not listed not listed
SARA Extremely Hazardous Substances and TPQs
This list includes hazardous chemicals as defined in 29 CFR 1910.1200(c); and extremely hazardous substances regulated under Section 302 of SARA Title III with their TPQs (in pounds), as listed in 40 CFR 355, Appendices A and B.

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Regulated Name</th>
<th>TPQ (pounds)</th>
<th>EHS-RQ (pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>025134014</td>
<td>not listed</td>
<td>not listed</td>
<td>not listed</td>
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CERCLA
The hazardous substances, and their reportable quantities (RQs) are listed in the federal regulations at 40 CFR Part 302, Table 302.4. Release of a CERCLA hazardous substance in an amount equal to or greater than its RQ, in any 24-hour period, must be reported to the National Response Center at (800) 424-8802.

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Regulated name</th>
<th>RQ pounds</th>
</tr>
</thead>
<tbody>
<tr>
<td>025134014</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

Section 16: Other Information
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END OF MSDS