SECTION 1:

HEALTH: 2  
CODE: 0=MINIMAL

FLAMMABILITY: 2  
1=SLIGHT

REACTIVITY: 0  
2=MODERATE

PERSONAL PROTECTION: B  
3=SERIOUS

SECTION 2: HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>PERCENT</th>
<th>ACGIH-TLV</th>
<th>OSHA-PEL</th>
<th>CAS NO</th>
<th>mmHg @ TEMP</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIMETHYL PHTHALATE</td>
<td>15.00%</td>
<td>5 MG/M3</td>
<td>5 MG/M3</td>
<td>131-11-3</td>
<td>1.0</td>
</tr>
<tr>
<td>*ETHYLENE GLYCOL-</td>
<td>11.00%</td>
<td>25 PPM</td>
<td>25 PPM</td>
<td>2807-30-9</td>
<td>1.3</td>
</tr>
<tr>
<td>MONOPROPYL ETHER</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


SECTION 3: PHYSICAL AND CHEMICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOILING POINT:</td>
<td>301F - 543F</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY:</td>
<td>1.0</td>
</tr>
<tr>
<td>VAPOR DENSITY:</td>
<td>HEAVIER THAN AIR</td>
</tr>
<tr>
<td>EVAPORATION RATE:</td>
<td>SLOWER THAN ETHER</td>
</tr>
<tr>
<td>MATERIAL V.O.C.:</td>
<td>2.04 LB/GL (245G/L)</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER:</td>
<td>INSOLUBLE</td>
</tr>
<tr>
<td>APPEARANCE AND ODOR:</td>
<td>VISCOUS RED LIQUID</td>
</tr>
<tr>
<td>APPEARANCE AND ODOR:</td>
<td>MILD ODOR</td>
</tr>
<tr>
<td>LEL / UEL%:</td>
<td>1.3% / N/A</td>
</tr>
<tr>
<td>FLASHPOINT:</td>
<td>120F</td>
</tr>
<tr>
<td>METHOD:</td>
<td>CLOSED CUP</td>
</tr>
</tbody>
</table>

SECTION 4: FIRE AND EXPLOSION DATA

EXTINGUISHING MEDIA: ALCOHOL FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATERFOG
SPECIAL FIRE PROCEDURES: WATERSPRAY MAY BE INEFFECTIVE
SPECIAL FIRE PROCEDURES: WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT EXPLOSION.
SPECIAL FIRE PROCEDURES: WEAR PROTECTIVE EQUIPMENT
UNUSUAL HAZARDS: OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD

SECTION 5: REACTIVITY DATA

STABLE: YES
CONDITIONS TO AVOID: SPARKS AND OPEN FLAME
INCOMPATIBILITY: STRONG ACIDS, ALKALIS, AND OXIDIZERS
HAZARDOUS DECOMPOSITION: MAY PRODUCE CARBON MONOXIDE, DIOXIDE, AND OTHER HAZARDOUS PRODUCTS
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
SECTION 6: HEALTH HAZARDS

ACUTE: MODERATE IRRITATION OF EYES, NOSE, THROAT, SKIN
ACUTE: HIGH CONCENTRATIONS MAY CAUSE NERVOUS SYSTEM DISTURBANCES
CHRONIC: EXCESSIVE EXPOSURE MAY CAUSE KIDNEY, LIVER, AND POSSIBLY BLOOD DISTURBANCES (ANEMIA)
SKIN ABSORPTION RISKS AND SYMPTOMS: IRRITATION OF NOSE AND THROAT, DIZZINESS, HEADACHE AND NAUSEA.
EYE CONTACT RISKS AND SYMPTOMS: MAY CAUSE IRRITATION AND POSSIBLE CORNEAL DAMAGE.
INGESTION RISKS AND SYMPTOMS: MAY CAUSE NAUSEA, VOMITING AND NARCOSIS
MEDICAL CONDITIONS AGGRAVATED: RESPIRATORY IRRITATION, DERMATITIS, ANEMIA, AND NAUSEA
IS CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN?
NATIONAL TOXICOLOGY PROGRAM: NO
IARC MONOGRAPHS: NO
OSHA REGULATED: NO

FIRST AID FOR INHALATION: REMOVE TO FRESH AIR, RESTORE BREATHING, TREAT SYMPTOMS, CONSULT DOCTOR
FIRST AID FOR EYE: FLUSH IMMEDIATELY WITH WATER FOR 15 MINUTES, SEE PHYSICIAN
FIRST AID FOR SKIN: WASH WITH SOAP AND WATER, REMOVE CONTAMINATED CLOTHING
FIRST AID FOR INGESTION: DRINK WATER TO DILUTE, DO NOT INDUCE VOMITING, CONSULT PHYSICIAN

SECTION 7: SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES

HANDLING AND STORAGE: KEEP CONTAINERS CLOSED WHEN NOT IN USE
HANDLING AND STORAGE: KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME.
HANDLING AND STORAGE: AVOID EXCESSIVE INHALATION OF VAPOR OR MIST.
HANDLING AND STORAGE: HANDLE WITH CARE AND AVOID UNNECESSARY CONTACT.
HANDLING AND STORAGE: USE ONLY WITH ADEQUATE VENTILATION, WASH THOROUGHLY AFTER HANDLING
HANDLING AND STORAGE: FOR INDUSTRIAL USE ONLY, HMIS PERSONAL PROTECTIVE EQUIPMENT IS DEPENDENT UPON CONDITION OF USE.
STEPS IF SPILLED: ELIMINATE ALL SOURCES OF VAPOR IGNITION, VENTILATE AREA AVOID BREATHING VAPORS
STEPS IF SPILLED: REMOVE BY SUITABLE INERT ABSORBING MATERIAL
WASTE DISPOSAL: INCINERATION IS PREFERRED, IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS
WASTE DISPOSAL: REFER TO MSDS CAUTION INFORMATION BEFORE ATTEMPTING CLEANUP.

SECTION 8: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: WHEN USED WITH ADEQUATE VENTILATION, NONE NORMALLY REQUIRED
RESPIRATORY PROTECTION: WHEN REQUIRED IT'S USE MUST BE IN COMPLIANCE WITH ALL OSHA HEALTH AND FIT TESTING REQUIREMENTS, AS GIVEN IN 29 CFR 1910.134
VENTILATION: SUFFICIENT VOLUME AND PATTERN SHOULD BE PROVIDED TO KEEP AIR CONTAMINANT CONCENTRATIONS BELOW CURRENT ACGIH-TLV LIMITS
PROTECTIVE GLOVES: RECOMMENDED FOR PROLONGED OR REPEATED CONTACT, USE RUBBER OR PLASTIC
EYE PROTECTION: SAFETY GOGGLES ARE RECOMMENDED AND SHOULD BE AVAILABLE TO AVOID CONTACT
OTHER PROTECTION: USE PROTECTIVE CREAM WHEN SKIN CONTACT IS LIKELY
WORK / HYGIENIC PRACTICES: WASH HANDS BEFORE EATING, DRINKING, OR SMOKING
WORK / HYGIENIC PRACTICES: AVOID SMOKING IN WORK AREA

DISCLAIMER SECTION

DISCLAIMER OF LIABILITY: THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN WERE OBTAINED FROM SOURCES BELIEVED TO BE GENERALLY RELIABLE, BUT, WE MAKE NO WARRANTEE CONCERNING THEIR ACCURACY AND WE WILL NOT BE HELD LIABLE FOR CLAIMS RELATING TO ANY PARTY'S USE OF OR RELIANCE ON INFORMATION OR RECOMMENDATIONS CONTAINED HEREIN.