Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>Common Name/ Trade Name</th>
<th>P-Anisaldehyde</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer</td>
<td>SPECTRUM QUALITY PRODUCTS INC.</td>
</tr>
<tr>
<td>Address</td>
<td>14422 S. SAN PEDRO STREET</td>
</tr>
<tr>
<td></td>
<td>GARDENA, CA 90248</td>
</tr>
<tr>
<td>Commercial Name(s)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Synonym</td>
<td>4-Methoxybenzaldehyde</td>
</tr>
<tr>
<td>Chemical Name</td>
<td>Not available.</td>
</tr>
<tr>
<td>Chemical Family</td>
<td>C8H8O2</td>
</tr>
<tr>
<td>Supplier</td>
<td>SPECTRUM QUALITY PRODUCTS INC.</td>
</tr>
<tr>
<td></td>
<td>14422 S. SAN PEDRO STREET</td>
</tr>
<tr>
<td></td>
<td>GARDENA, CA 90248</td>
</tr>
</tbody>
</table>

Section 2. Composition and Information on Ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>1) {P-}Anisaldehyde</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS #</td>
<td>123-11-5</td>
</tr>
<tr>
<td>Exposure Limits</td>
<td></td>
</tr>
<tr>
<td>TWA (mg/m³)</td>
<td></td>
</tr>
<tr>
<td>STEL (mg/m³)</td>
<td></td>
</tr>
<tr>
<td>CEIL (mg/m³)</td>
<td></td>
</tr>
<tr>
<td>% by Weight</td>
<td>100</td>
</tr>
</tbody>
</table>

Toxicological Data on Ingredients

P-Anisaldehyde:

- ORAL (LD50): Acute: 1510 mg/kg [Rat]. 1260 mg/kg [Guinea pig].
- DERMAL (LD50): Acute: 5000 mg/kg [Rabbit].

Section 3. Hazards Identification

Potential Acute Health Effects

- Very hazardous in case of ingestion. Hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation.

Potential Chronic Health Effects

- Very hazardous in case of ingestion. Hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation.

Carcinogenic Effects: Not available.

Mutagenic Effects: Not available.

Teratogenic Effects: Not available.

Developmental Toxicity: Not available.

IN CASE OF EMERGENCY
CHEMTREC (24hr) 800-424-9300
CALL (310) 516-8000

Continued on Next Page
Section 4. First Aid Measures

**Eye Contact**  
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. WARM water MUST be used. Get medical attention.

**Skin Contact**  
In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

**Serious Skin Contact**  
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

**Inhalation**  
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Serious Inhalation**  
Not available.

**Ingestion**  
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

**Serious Ingestion**  
Not available.

Section 5. Fire and Explosion Data

**Flammability of the Product**  
May be combustible at high temperature.

**Auto-Ignition Temperature**  
Not available.

**Flash Points**  
CLOSED CUP: 108°C (226.4°F).

**Flammable Limits**  
Not available.

**Products of Combustion**  
These products are carbon oxides (CO, CO2).

**Fire Hazards in Presence of Various Substances**  
Not available.

**Explosion Hazards in Presence of Various Substances**  
Risks of explosion of the product in presence of mechanical impact: Not available. 
Risks of explosion of the product in presence of static discharge: Not available.

**Fire Fighting Media and Instructions**  
SMALL FIRE: Use DRY chemical powder. 
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

**Special Remarks on Fire Hazards**  
Not available.

**Special Remarks on Explosion Hazards**  
Not available.

Section 6. Accidental Release Measures

**Small Spill**  
Absorb with an inert material and put the spilled material in an appropriate waste disposal.

**Large Spill**  
Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.
### Section 7. Handling and Storage

**Precautions**
Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.

**Storage**
Keep container tightly closed. Keep container in a cool, well-ventilated area.

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### Section 8. Exposure Controls/Personal Protection

**Engineering Controls**
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

**Personal Protection**
Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

**Personal Protection in Case of a Large Spill**
Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits**
Not available.

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### Section 9. Physical and Chemical Properties

**Physical state and appearance**
Liquid. (Oily liquid.)

**Molecular Weight**
136.16 g/mole

**pH (1% soln/water)**
Not available.

**Boiling Point**
248°C (478.4°F)

**Melting Point**
-1°C (30.2°F)

**Critical Temperature**
Not available.

**Specific Gravity**
1.119 (Water = 1)

**Vapor Pressure**
Not available.

**Vapor Density**
4.7 (Air = 1)

**Volatility**
Not available.

**Odor Threshold**
Not available.

**Water/Oil Dist. Coeff.**
Not available.

**Ionicity (in Water)**
Not available.

**Dispersion Properties**
See solubility in water, methanol, diethyl ether, acetone.

**Solubility**
Easily soluble in acetone. Soluble in methanol, diethyl ether. Very slightly soluble in cold water.

**Color**
Colorless to light yellow.

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Continued on Next Page
### Section 10. Stability and Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>The product is stable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instability Temperature</td>
<td>Not available.</td>
</tr>
<tr>
<td>Conditions of Instability</td>
<td>Not available.</td>
</tr>
<tr>
<td>Incompatibility with various substances</td>
<td>Not available.</td>
</tr>
<tr>
<td>Corrosivity</td>
<td>Non-corrosive in presence of glass.</td>
</tr>
<tr>
<td>Special Remarks on Reactivity</td>
<td>Not available.</td>
</tr>
<tr>
<td>Special Remarks on Corrosivity</td>
<td>Not available.</td>
</tr>
<tr>
<td>Polymerization</td>
<td>Will not occur.</td>
</tr>
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</table>

### Section 11. Toxicological Information

<table>
<thead>
<tr>
<th>Routes of Entry</th>
<th>Eye contact. Inhalation. Ingestion.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toxicity to Animals</td>
<td>Acute oral toxicity (LD50): 1260 mg/kg [Guinea pig]. Acute dermal toxicity (LD50): 5000 mg/kg [Rabbit].</td>
</tr>
<tr>
<td>Chronic Effects on Humans</td>
<td>Not available.</td>
</tr>
<tr>
<td>Other Toxic Effects on Humans</td>
<td>Very hazardous in case of ingestion. Hazardous in case of skin contact (irritant), of inhalation.</td>
</tr>
<tr>
<td>Special Remarks on Toxicity to Animals</td>
<td>Not available.</td>
</tr>
<tr>
<td>Special Remarks on Chronic Effects on Humans</td>
<td>Not available.</td>
</tr>
<tr>
<td>Special Remarks on other Toxic Effects on Humans</td>
<td>Not available.</td>
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</tbody>
</table>

### Section 12. Ecological Information

<table>
<thead>
<tr>
<th>Ecotoxicity</th>
<th>Not available.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOD5 and COD</td>
<td>Not available.</td>
</tr>
<tr>
<td>Products of Biodegradation</td>
<td>Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.</td>
</tr>
<tr>
<td>Toxicity of the Products of Biodegradation</td>
<td>The products of degradation are more toxic.</td>
</tr>
<tr>
<td>Special Remarks on the Products of Biodegradation</td>
<td>Not available.</td>
</tr>
</tbody>
</table>
### Section 13. Disposal Considerations

**Waste Disposal**

**DOT Classification**
Not a DOT controlled material (United States).

**Identification**
Not applicable.

**Special Provisions for Transport**
Not applicable.

**DOT (Pictograms)**

### Section 14. Transport Information

**DOT Classification**
Not a DOT controlled material (United States).

**Identification**
Not applicable.

**Special Provisions for Transport**
Not applicable.

**DOT (Pictograms)**

### Section 15. Other Regulatory Information and Pictograms

**Federal and State Regulations**
TSCA 8(b) inventory: P-Anisaldehyde

**California Proposition 65**
Warnings

**Other Regulations**
Not available.

**Other Classifications**

- **WHMIS (Canada)**
  Not controlled under WHMIS (Canada).

- **DSCL (EEC)**
  R22- Harmful if swallowed. R36/38- Irritating to eyes and skin.

**HMIS (U.S.A.)**

- Health Hazard: 2
- Fire Hazard: 1
- Reactivity: 0
- Personal Protection: h

**National Fire Protection Association (U.S.A.)**

- Flammability: 2
- Reactivity: 0
- Specific hazard: h

**WHMIS (Canada) (Pictograms)**

**DSCL (Europe) (Pictograms)**

**TDG (Canada) (Pictograms)**

Continued on Next Page
Section 16. Other Information

MSDS Code  A5510

References  Not available.

Other Special Considerations  Not available.


Verified by Sonia Owen.


CALL (310) 516-8000

Notice to Reader

All chemicals may pose unknown hazards and should be used with caution. This Material Safety Data Sheet (MSDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on technical data judged to be reliable, Spectrum Quality Products, Inc. assumes no responsibility for the completeness or accuracy of the information contained herein.