TA Instruments Inc.  
159 Lukens Drive  
New Castle, DE 19720  
302-427-4000

FOR CHEMICAL EMERGENCY  
24 Hours per Day  7 Days per Week  
Call CHEMTREC 800-424-9300  
Outside N. America 703-527-3887 (collect)

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION:
   Product Name: Anisic Acid  
   Date of Prep: 15 November 2011  
   MSDS #: 901138.001  
   Revision: C

2. COMPOSITION/INFORMATION ON INGREDIENTS:

<table>
<thead>
<tr>
<th>CHEMICAL INGREDIENT NAME</th>
<th>CAS NUMBER</th>
<th>EC NUMBER</th>
<th>% BY WT.</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>HAZARD SYMBOL</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-Anisic Acid</td>
<td>100-09-04</td>
<td>209-447-8</td>
<td>99</td>
<td>N/E</td>
<td>N/E</td>
<td>Irritant</td>
</tr>
<tr>
<td>4-Methoxybenzoic Acid</td>
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   Notes: LD_{50} (Subcutaneous) = 400 mg / kg

3. HAZARDS IDENTIFICATION: Irritating to eyes, respiratory system and skin.

4. FIRST AID MEASURES:
   Inhalation: Remove to fresh air.
   Skin Contact: Wash with soap and water.
   Eye Contact: Immediately flush with water for a minimum of 15 minutes.
   Ingestion: Get medical attention. Wash out mouth with water if person is conscious.

   After following first aid measures, seek medical attention.

5. FIRE-FIGHTING MEASURES:
   Flammable Properties: Flash point = 185°C
   Extinguishing Media: Water spray, carbon dioxide, dry chemical powder
   Unique Aspects Contributing To a Fire: Not Applicable
   Special Fire Fighting Procedures: Not Applicable

   Note: As in any fire, wear self-contained breathing apparatus, and full protective gear.

6. ACCIDENTAL RELEASE MEASURES: Sweep up, place in a bag and hold for waste disposal.

7. HANDLING AND STORAGE: Store in cool, dry place tightly closed. Do not breath dust. Avoid contact with eyes.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:
   Handle in accordance with good laboratory practices.
   Respiratory Protection: Not normally needed. If exposure limits are exceeded, use approved respirator.
   Eye Protection: Safety glasses with side shields.
   Skin Protection: Neoprene or other chemical resistant gloves. Disposable nitrile are acceptable for light intermittent exposure.
   Engineering Controls: No special requirements. Handle in an area with good general room ventilation.
9. PHYSICAL AND CHEMICAL PROPERTIES:

- Appearance: Powder
- Physical State: Solid
- Flash Point: 185°C
- Vapor Pressure: N/A
- Odor: N/A
- Explosion Limits: N/A
- Boiling Point: 275°C
- Vapor Density (air=1): N/A
- pH: N/A
- Melting Point: 182°C
- Solubility in Water: N/A
- Specific Gravity: N/A
- Other: N/A

10. STABILITY AND REACTIVITY:
- Hazardous Polymerization: ☒ Will Not Occur  ☐ May Occur
- Stability: Stable
- Decomposition/Combustion Products: Not Established
- Conditions & Materials to Avoid: Avoid strong oxidizing agents

11. TOXICOLOGICAL INFORMATION:
- Primary Route(s) of Exposure Under Normal Use:
  - Target Organ(s): Not Established
  - Acute Effects: Not Established
  - Chronic Effects: Not Established
- Other Information: Chemical Ingredient(s) not classified as carcinogen(s) by OSHA, IARC, NTP, ACGIH, or California.

12. ECOLOGICAL INFORMATION: Not Established

13. DISPOSAL CONSIDERATIONS: Use licensed professional waste disposal

14. TRANSPORT INFORMATION:
- U.S. DOT: Shipping Name: None  Hazard Class: Non-hazardous for transport  UN/NA #: N/A  Packing Group #: N/A
- IATA/ICAO: Non-hazardous for air transport

15. REGULATORY INFORMATION:
- EU Risk/Safety Phrases: Irritating to eyes, respiratory system and skin
- U.S. TOSCA: Yes
- Canada: This product has been classified according to the hazard criteria of the CPR and this MSDS contains all the information required by the CPR.

16. OTHER INFORMATION:
- U.S. EPA SARA:
  - CERCLA RQ: Not listed
  - National Fire Protection Association Rating:
    - FLAMMABILITY: 0
    - REACTIVITY: 0
    - OTHER: 0
- 313 Chemicals: Not listed
- Notes: Not Established (NE) means a value has not been set or there is no information available. Not Applicable (NA) means that the topic is not pertinent.

The information contained herein has been compiled from data presented in various technical sources believed to be accurate. Waters makes no warranties and assumes no liability in connection with the use of this information. It is the user’s responsibility to determine the suitability of this information and to assure the adoption of necessary precautions.