Material Safety Data Sheet
(Benzaldehyde-2-Sulfonic Acid)

SECTION 1 – PRODUCT AND COMPANY INFORMATION

PRODUCT NAME            Benzaldehyde-2-Sulfonic Acid
SYNONYM                 2-Sulfobenzaldehyde sodium salt, Benzaldehyde-2-sulfonic acid sodium salt, Sodium 2-formyl-benzolsulfonate
FORMULA                 C7H6O4S.Na
CAS NUMBER              1008-72-6

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>CAS NUMBER</th>
<th>PURITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzaldehyde-2-Sulfonic Acid</td>
<td>1008-72-6</td>
<td>97% Min</td>
</tr>
</tbody>
</table>

SECTION 3 – HAZARDS IDENTIFICATION

Emergency Overview
OSHA Hazards
No known OSHA hazards

HMIS Classification
Health Hazard: 0
Flammability: 0
Physical hazards: 0

NFPA Rating
Health Hazard: 0
Fire: 0
Reactivity Hazard: 0

Potential Health Effects
Inhalation May be harmful if inhaled. May cause respiratory tract irritation.
Skin May be harmful if absorbed through skin. May cause skin irritation.
Eyes May cause eye irritation.
Ingestion May be harmful if swallowed.

SECTION 4 – FIRST AID MEASURES

If inhaled
If breathed in, move person into fresh air. If not breathing give artificial respiration
In case of skin contact
Wash off with soap and plenty of water.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water.

SECTION 5 – FIRE FIGHTING MEASURES

Flammable properties
   Flash point   no data available
   Ignition temperature  no data available

Suitable extinguishing media
   Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters
   Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions
   Avoid dust formation.

Environmental precautions
   Do not let product enter drains.

Methods for cleaning up
   Sweep up and shovel. Keep in suitable, closed containers for disposal.

SECTION 7- HANDLING AND STORAGE

Handling
   Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage
   Keep container tightly closed in a dry and well-ventilated place.

SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment
   Respiratory protection
   Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Hand protection
For prolonged or repeated contact use protective gloves.

Eye protection
Safety glasses

Hygiene measures
General industrial hygiene practice.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance**
- Form: crystalline
- Colour: beige

**Safety data**
- pH: no data available
- Melting point: no data available
- Boiling point: no data available
- Flash point: no data available
- Ignition temperature: no data available
- Lower explosion limit: no data available
- Upper explosion limit: no data available
- Water solubility: no data available

**SECTION 10 – STABILITY AND REACTIVITY DATA**

**Storage stability**
Stable under recommended storage conditions.

**SECTION 11 – TOXICOLOGICAL INFORMATION**

**Acute toxicity**
no data available

**Irritation and corrosion**
no data available

**Sensitisation**
no data available

**Chronic exposure**

**IARC:**
No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**ACGIH:**
No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**NTP:**
No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**OSHA:**
No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
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**SECTION 12 – ECOLOGICAL INFORMATION**

Elimination information (persistence and degradability)
no data available

Ecotoxicity effects
no data available

Further information on ecology
no data available

**SECTION 13 – DISPOSAL CONSIDERATION**

Product
Observe all federal, state, and local environmental regulations.

Contaminated packaging
Dispose of as unused product.

**SECTION 14 - TRANSPORTATION DATA**

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

**SECTION 15 – REGULATORY INFORMATION**

OSHA Hazards
No known OSHA hazards

DSL Status
All components of this product are on the Canadian DSL list.

SARA 302 Components
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Hazards
No SARA Hazards

Massachusetts Right To Know Components
No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components
Sodium 2-formylbenzenesulphonate CAS-No. 1008-72-6 Revision Date

New Jersey Right To Know Components
Sodium 2-formylbenzenesulphonate CAS-No. 1008-72-6 Revision Date

California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

SECTION 16 – OTHER INFORMATION

Disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.