

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



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**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** C<sub>7</sub>H<sub>6</sub>O<sub>4</sub>S.Na  
**CAS NUMBER** 1008-72-6

**SECTION 2 – COMPOSITON/INFORMATION ON INGREDIENTS**

<b>PRODUCT NAME</b>	<b>CAS NUMBER</b>	<b>PURITY</b>
Benzaldehyde-2-Sulfonic Acid	1008-72-6	97% Min

**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

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### 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).

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### 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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### Potential Health Effects

<b>Inhalation</b>	May be harmful if inhaled. May cause respiratory tract irritation.
<b>Skin</b>	May be harmful if absorbed through skin. May cause skin irritation.
<b>Eyes</b>	May cause eye irritation.
<b>Ingestion</b>	May be harmful if swallowed.

## 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.

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### 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.