

# MSDS

# Material Safety Data Sheet

Date prepared: May 28, 2012

Date revised: N/A (first edition)

## Section 1 - General Information

**Chemical Name:** 4-Methoxybenzoic acid  
**CAS Reg. Number:** 100-09-4  
**Catalog Number:** 1ST2702  
**Manufacturer's Name:** Alta Scientific Co., Ltd.  
Tianjin International Joint Academy of Biotechnology & Medicine, N1803  
220 Dongting Road, TEDA, Tianjin 300457, P.R.China  
**Telephone Number:** 86-22-65378550  
**Fax Number:** 86-22-25329655  
*For R & D use only*

## Section 2 - Hazardous Ingredients/Identity Information


### Emergency Overview

**OSHA Hazards:** Harmful by ingestion, Irritant

### GHS Classification

Acute toxicity, Oral (Category 4)  
Skin irritation (Category 2)  
Eye irritation (Category 2A)  
Specific target organ toxicity - single exposure (Category 3)

### GHS Label elements, including precautionary statements

Pictogram	
Signal word	Warning
Hazard statement(s)	
H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation
H335	May cause respiratory irritation.
Precautionary statement(s)	
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### HMIS Classification

**Health hazard:** 2  
**Flammability:** 1  
**Physical hazards:** 0

### NFPA Rating

**Health hazard:** 2  
**Fire:** 1  
**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 3 - Composition/Information on Ingredients

**Formula:** C<sub>8</sub>H<sub>8</sub>O<sub>3</sub>  
**Molecular Weight:** 152.15g/mol  
**CAS-No.** 100-09-4

## 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.

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## 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	185 °C (365 °F) - closed cup
Ignition temperature	not 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 firefighting 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

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. 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	Powder
Color	Beige

### Safety data

pH:	not available
Melting point:	182 - 185 °C (360 - 365 °F) - lit
Boiling point:	275 - 280 °C (527 - 536 °F) at 1,013 hPa (760 mmHg)
Flash point:	185 °C (365 °F) - closed cup
Ignition temperature:	not available
Lower explosion limit:	not available
Upper explosion limit:	not available
Water solubility:	not available

## Section 10 - Stability and Reactivity

**Storage stability** Stable under recommended storage conditions

**Materials to avoid** Strong oxidizing agents

**Hazardous decomposition products** Hazardous decomposition products formed under fire conditions.  
- Carbon oxides

## Section 11 - Toxicological Information

**Acute toxicity:**

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## Other information on acute toxicity

LD50 Subcutaneous - mouse - 400 mg/kg

**Irritation and corrosion:** not available

**Sensitization:** not available

**Respiratory or skin sensitization:** not available

## Chronic exposure

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, NTP, or OSHA.

## 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.

## Additional Information

RTECS: BZ4395000

## Section 12 - Ecological Information

**Elimination information (persistence and degradability)** not available

**Ecotoxicity effects:** not available

**Further information on ecology:** not available

## Section 13 - Disposal Considerations

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

**Contaminated packaging** Dispose of as unused product.

## Section 14- Transport Information

**DOT (US):** Not dangerous goods

**IMDG:** Not dangerous goods

**IATA:** Not dangerous goods

## Section 15 - Regulatory Information

**OSHA Hazards:** Harmful by ingestion, Irritant

**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:** Acute Health Hazard

### Massachusetts Right To Know Components

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

### Pennsylvania Right To Know Components

p-Anisic acid CAS no. 100-09-4

### New Jersey Right To Know Components

p-Anisic acid CAS no. 100-09-4

### 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

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Alta Scientific shall not be held liable for any damage resulting from handling or from contact with the above product.