



## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION:

**PRODUCT CODE** A0333  
**PRODUCT NAME** ACETANISOLE  
**SUPPLIER** Shanghai M & U International Trade Co., Ltd.  
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200333 Shanghai, China  
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sales@mu-intel.com

**FOR EMERGENCIES CALL CHEMTREC: 800-424-9300 (24-HOURS)**

### 2. HAZARD IDENTIFICATION:

#### Emergency Overview

#### OSHA Hazards

Harmful by ingestion, irritant

#### GHS classification

Acute toxicity, oral (Category 4)

Skin irritation (Category 2)

#### GHS Label elements, including precautionary statements

Pictogram

Signal word Warning

#### Hazard statement(s)

H302 Harmful if swallowed

H315 Causes skin irritation.

#### Precautionary statement(s)

None

#### HMIS Classification

Health hazard 1

Flammability 1

Physical hazards 0

#### NFPA Rating

Health hazard 1

Fire 1

Reactivity Hazard 0

#### Potential Health Effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

Skin Harmful if absorbed through skin. May cause skin irritation

Eyes Causes eye irritation.

Ingestion Harmful if swallowed

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS:

**Synonyms** 4'-Methoxyacetophenone  
4-Acetylanisole

**Formula** C<sub>9</sub> H<sub>10</sub> O<sub>2</sub>

**Molecular Weight** 150.17 g/mol

CAS-No	EC-No	Index-No.	Concentration
100-06-1	202-815-9		

### 4. FIRST-AID GUIDE:

#### **General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

#### **If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

#### **In case of skin contact**

Wash off with soap and plenty of water. Consult a physician.

#### **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. Consult a physician.

### 5. FIRE-FIGHTING GUIDE:

#### **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.

#### **Hazardous combustion products**

Hazardous decomposition products formed under fire conditions- Carbon oxides

### 6. ACCIDENTAL RELEASE GUIDE:

#### **Personal precautions**

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

#### **Environmental precautions**

Do not let product enter drains.

#### **Methods and materials for containment and cleaning up**

Pick up and arrange disposal without creating dust. sweep up and shovel keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE:

### Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

### Conditions for safe storage

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

## 8. EXPOSURE AND 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

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

#### Eye protection

Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin and body protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

### Appearance

Form	SOLID
Color	WHITE

### Safety data

Melting point (°C)	36
Boiling point (°C)	260
Flash point (°F) Closed cup	>200
Vapor pressure (mmHg@20°C)	no data available
Density @25 °C	no data available

Water solubility  
Relative vapor density  
Odor

INSOLUBLE  
no data available  
INTENSE SWEET, HAY-LIKE

## 10. STABILITY AND REACTIVITY:

### Chemical stability

Stable under recommended storage conditions.

### Materials to avoid

Strong oxidizing agents, strong bases

### Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides

## 11. TOXICOLOGICAL INFORMATION:

### Acute toxicity

**Oral LD50 -rat-** 1,720 mg/kg

**Dermal LD50** - rabbit->5,000 mg/kg

### Skin corrosion/irritation

Skin-rabbit-Skin irritation-24 h= Draize Test

### Germ cell mutagenicity

Genotoxicity in vitro- Ames test- negative.

### Carcinogenicity

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.

### Potential health effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion Harmful if swallowed.

Skin Harmful if absorbed through skin May cause skin irritation.

Eyes Causes eye irritation.

### Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

### Additional Information

RTECS: AM9240000

## 12. ECOLOGICAL INFORMATION:

### Toxicity

Toxicity to fish: mortality LC50- Cyprinus carpio (Carp) -296 mg/l -96 h  
Toxicity to daphnia and other aquatic invertebrates: Immobilization EC50- Daphnia magna (Water flea) - 264 mg/l - 96 h

### Persistence and degradability

Biodegradability: aerobic  
Result: 100%- Readily biodegradable  
Method: OECD Test Guideline 301

## 13. DISPOSAL RECOMMENDATIONS:

### Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

### Contaminated packaging

Dispose of as unused product.

## 14. TRANSPORTATION INFORMATION:

### DOT (US)

Not dangerous goods.

### IMDG

Not dangerous goods.

### IATA

Not dangerous goods.

## 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

4'-Methoxyacetophenone                      CAS-No.  
100-06-1

**New Jersey Right To Know Components**

4'-Methoxyacetophenone                      CAS-No.  
100-06-1

**California Prop. 65 Components**

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

**16. OTHER INFORMATION:**

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond M&U's control, it is the responsibility of the user both to determine safe conditions for use of this product and to assume liability for loss, damage, or expense arising out of the products improper use. No warranty expressed or implied regarding the product described herein will be created by or inferred from any statement or omission in the MSDS. Various federal, state, or provincial agencies may have specific regulations concerning the transportation, handling, storage, use, or disposal of this product which may not be reflected in the MSDS. The user should review these regulations to ensure full compliance.