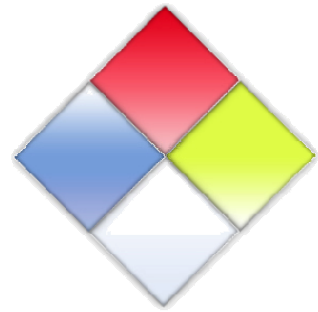


# LYG UNITED C.

LIANYUNGANG UNITED CHEMICAL CO.LTD.  
6F Nanguang Building, 43 hailian East Rd. Lianyungang,China.222006  
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[www.lyg-china.com](http://www.lyg-china.com)



**MSDS**  
Material Safety Data Sheets

## Acridone 99% min

### Section 1 - Chemical Product and Company Identification

#### IDENTIFICATION

**PRODUCT NAME:** Acridone

Synonym

9-Acridanone; Acridanone; 9(10H)-Acridanone (9CI); 9(10H)-Acridone; 9-Acridone

**Molecular Structure:**

**Manufacturer Identification:** LYG UNITED C. CHINA

**Address:** 连云港市海连东路 43 号

**Telephone number:** (0086)518 5692709

**Fax number:** (0086)518 5015182

### Section 2 - Composition, Information on Ingredients

#### INGREDIENTS

NAME	CAS
Acridone	578-95-0

### Section 3 - Hazards Identification

#### EMERGENCY OVERVIEW

Danger of cumulative effects. Irritating to eyes, respiratory system and skin. The toxicological properties of this material have not been fully investigated.

Potential Health Effects

**Eyes:**  
Causes eye irritation.

**Skin:**  
Causes skin irritation.

**Ingestion:**  
May cause irritation of the digestive tract.

**Inhalation:**  
Dust is irritating to the respiratory tract.

**Chronic:**  
Not available..

### Section 4 - First Aid Measures

LYG UNITED C. - MSDS

**Last Updated:** Issued: Monday, June 13, 2011

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## Eyes:

Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

## Skin:

Get medical aid. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

## Ingestion:

Do not induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

## Inhalation:

Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

## Notes to Physician:

### Section 5 - Fire Fighting Measures

## General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

## Extinguishing Media:

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

### Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

## Spills/Leaks:

Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal. Avoid generating dusty conditions.

### Section 7 - Handling and Storage

## PROCEDURE FOR HANDLING

Wash thoroughly after handling. Avoid contact with skin and eyes.  
Avoid ingestion and inhalation. Use with adequate ventilation.

## Storage:

Store in a cool, dry place. Keep container closed when not in use.

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## Section 8 - Exposure Controls, Personal Protection

### NoEngineering Controls:

Use adequate ventilation to keep airborne concentrations low.

### Exposure Limits

CAS# 578-95-0:

### Personal Protective Equipment

#### Eyes:

- Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

#### Skin:

Wear appropriate protective gloves to prevent skin exposure.

#### Clothing:

Wear appropriate protective clothing to prevent skin exposure.

#### Respirators:

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

## Section 9 - Physical and Chemical Properties

Physical State:	Powder
Color:	green to gold
Odor:	None reported.
pH:	Not available.
Vapor Pressure:	Not available.
Viscosity:	Not available.
Boiling Point:	Not available.
Freezing/Melting Point:	> 300 deg C
Autoignition Temperature:	Not available.
Flash Point:	Not available.
Explosion Limits, lower:	Not available.
Explosion Limits, upper:	Not available.

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Decomposition Temperature:

Solubility in water:

Specific Gravity/Density:

Molecular Formula:

C<sub>3</sub>H<sub>9</sub>N<sub>3</sub>

Molecular Weight:

95.22

## Section 10 - Stability and Reactivity

Chemical Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Incompatible materials

Incompatibilities with Other Materials:

Strong oxidizing agents.

Hazardous Decomposition Products:

Nitrogen oxides, carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.

Hazardous Polymerization: Has not been reported.

## Section 11 - Toxicological Information

RTECS#:

CAS# 578-95-0: AR6976000

LD50/LC50:

Not available

Carcinogenicity:

9(10F), Acridole -

Not listed by ACGIH, IARC, or NTP

Other:

See actual entry in RTECS for complete information.

## Section 12 - Ecological Information

No information available

## Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations

## Section 14 - Transport Information

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## IATA

Not regulated as a hazardous material.

## IMO

Not regulated as a hazardous material.

## RID/ADR

Not regulated as a hazardous material.

## Section 15 - Regulatory Information

### European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Xi

Risk Phrases:

R 33 Danger of cumulative effects.

R 36/37/38 Irritating to eyes, respiratory system  
and skin.

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

S 26 In case of contact with eyes, rinse immediately  
with plenty of water and seek medical advice.

S 36/37/39 Wear suitable protective clothing, gloves  
and eye/face protection.

### WGK (Water Danger/Protection)

CAS# 578-95-0: No information available.

### Canada

CAS# 578-95-0 is listed on Canada's NDSL List.

CAS# 578-95-0 is not listed on Canada's Ingredient Disclosure List.

## US FEDERAL

### TSCA

CAS# 578-95-0 is listed on the TSCA inventory.

## Section 16 - Additional Information

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.*

MSDS Creation Date: Apr.10.2007