

**1. PRODUCT AND COMPANY IDENTIFICATION:**

**PRODUCT CODE** A0036  
**PRODUCT NAME** DIACETYL  
**SUPPLIER** Shanghai M & U International Trade Co., Ltd.  
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**FOR EMERGENCIES CALL CHEMTREC: 800-424-9300 (24-HOURS)**

**2. HAZARD IDENTIFICATION:**

**Classification of the substance or mixture**

**GHS Classification according to EC1272/2008**

FL 2	Flammable liquid, category 2
SCI 2	Skin corrosion/irritation, category 2
EDI 1	Eye damage/irritation, category 1
ATI 4	Acute toxicity, inhalation, category 4

**EU DSD classification according to 67/548/EEC, 1999/45/EC, 2001/58/EC**

**Hazard Symbols**



F: Highly flammable



Xn: Harmful

Risk Codes: R11,R20,R38,R41

HydroCarbons:

**Additional Information**

Full text of R and S phrases: see Section 16

**GHS Labeling**

## Symbols



## Signal Word

Danger

## Hazard Statements

H225	Highly flammable liquid and vapour
H315	Causes skin irritation
H318	Causes serious eye damage
H332	Harmful if inhaled

## Precautionary Statements

P210	Keep away from heat. - No smoking.
P261	Avoid breathing fumes.
P280	Wear protective gloves and eye protection
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.

## Other Hazards

No data available at this time

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS:

#### Description

**REACH Reg. No**

**USCAS Number**

431-03-8

**CAS Number**

431-03-8

**EINECS**

207-069-8

### 4. FIRST-AID GUIDE:

#### General

Take phrases in sections 2 and 15 into account

#### Inhalation

Remove from the exposure area to fresh air. Contact a doctor if necessary

**Ingestion**

Wash mouth with plenty of water and obtain medical advice immediately.

**Skin Contact**

Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.

**Eye Contact**

Flush with plenty of water and seek medical advice if necessary.

**5. FIRE-FIGHTING GUIDE:****Extinguishing Media**

Carbon dioxide, foam or dry powder

DO NOT USE A DIRECT WATER JET.

In case of overheating, cool containers to avoid a pressure increase.

**Combustion Products**

Carbon dioxide and unidentified organic compounds.

**Special Protective Equipment for Fire Fighters Only**

Wear protective clothing and avoid inhalation of vapors.

**6. ACCIDENTAL RELEASE GUIDE:****Personal precautions, protective equipment and emergency procedures**

Remove all sources of ignition.

Avoid inhalation, skin and eye contact.

Ensure proper ventilation.

**Environmental precautions**

Do not discharge directly into drains or the soil. Keep away from surface and ground water

**Methods and material for containment and cleaning up**

Soak up spillage with sand or other inert absorbent material such as earth or vermiculite; transfer used material to a suitable waste container and dispose in accordance with regulations.

**Reference to other sections**

Take Risk, Safety and Precautionary phrases (section 16) into account

**7. HANDLING AND STORAGE:****Precautions for safe handling**

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes.

**Conditions for safe storage, including any incompatibilities**

Store in tightly sealed original containers away from ignition sources and in a cool place.

**Specific end use(s)**

Not available at this time

**8. EXPOSURE AND PERSONAL PROTECTION:**

**Exposure Controls**

**Maintain adequate ventilation.**

**Personal Protection**

**Respiratory Protection**

Respiratory Protection must be worn/used at all times when handling/decanting this product.

**Hand Protection**

Wear chemically resistant disposable gloves.

**Eye Protection**

Wear safety goggles.

**Skin Protection**

Wear overalls. Always wash routinely before breaks, meals and at the end of the work period.

**9. PHYSICAL AND CHEMICAL PROPERTIES:**

<b>Flash Point</b>	(°C) : 5.00 C
<b>APPEARANCE</b>	Yellow to yellow-green
<b>ODOR</b>	To match the current internal standard

**10. STABILITY AND REACTIVITY:**

**Conditions to avoid**

Extreme temperatures  
Highly reactive chemicals which may

**Incompatible materials**

Produce unknown reaction products and so cause additional hazards.

**Hazardous decomposition products**

Not determine

**11. TOXICOLOGICAL INFORMATION:**

Not available for a complex mixture of different substances.


## 12. ECOLOGICAL INFORMATION:

Not available; avoid soil, surface water and water-bearing stratum contamination.

## 13. DISPOSAL RECOMMENDATIONS:

Dispose in accordance with the law and local regulations. Treat as trade effluent.

## 14. TRANSPORTATION INFORMATION:

UN Number	2346
Shipping Name	Butanedione
 Class	3
Packing Group	II
Tunnel Code	(D/E)

## 15. REGULATORY INFORMATION:

### **Safety, health and environmental regulations/legislation specific for the substance or mixture**

No relevant information available at this time

### **Chemical safety assessment**

No data available at this time

Contains nothing known from the allergens list which may produce an allergic reaction

## 16. OTHER INFORMATION:

The information in this SDS 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 SDS. 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 SDS. The user should review these regulations to ensure full compliance.

**Prepared By:** M&U International LLC

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