DIACETYL MONOXIME AR MSDS

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

<table>
<thead>
<tr>
<th>Product form</th>
<th>Substance</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS-No.</td>
<td>57-71-6</td>
</tr>
<tr>
<td>Product code</td>
<td>03200</td>
</tr>
<tr>
<td>Chemical structure</td>
<td></td>
</tr>
</tbody>
</table>

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

<table>
<thead>
<tr>
<th>Industrial/Professional use spec</th>
<th>Industrial</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>For professional use only</td>
</tr>
</tbody>
</table>

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

LOBA CHEMIE PVT.LTD.
107 Wode House Road, Jehangir Villa, Colaba
400005 Mumbai - INDIA
T +91 22 6663 6663 - F +91 22 6663 6699
info@lobachemie.com - www.lobachemie.com

1.4. Emergency telephone number

| Emergency number | + 91 22 6663 6663 (9:00am - 6:00 pm) |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Not classified

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]
Not classified
Adverse physicochemical, human health and environmental effects
No additional information available

2.2. Label elements
Labelling according to Regulation (EC) No. 1272/2008 [CLP]
No labelling applicable

2.3. Other hazards
No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances
Name: DIACETYL MONOXIME AR
CAS-No.: 57-71-6

Full text of R- and H-statements: see section 16

3.2. Mixtures
Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures
First-aid measures after inhalation: Assure fresh air breathing. Allow the victim to rest.
First-aid measures after skin contact: Wash with plenty of water/....
First-aid measures after eye contact: Rinse immediately with plenty of water.
First-aid measures after ingestion: Rinse mouth.

4.2. Most important symptoms and effects, both acute and delayed
No additional information available

4.3. Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Unsuitable extinguishing media: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture
No additional information available

5.3. Advice for firefighters
Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.
**SECTION 6: Accidental release measures**

6.1. **Personal precautions, protective equipment and emergency procedures**

6.1.1. **For non-emergency personnel**
   - Emergency procedures: Evacuate unnecessary personnel.

6.1.2. **For emergency responders**
   - Protective equipment: Use personal protective equipment as required.

6.2. **Environmental precautions**
   - Avoid release to the environment.

6.3. **Methods and material for containment and cleaning up**
   - Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers.

6.4. **Reference to other sections**
   - No additional information available

**SECTION 7: Handling and storage**

7.1. **Precautions for safe handling**
   - Precautions for safe handling: Avoid contact with skin and eyes. Do not breathe vapours. Provide good ventilation in process area to prevent formation of vapour.
   - Hygiene measures: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. **Conditions for safe storage, including any incompatibilities**
   - Storage conditions: Store in a well-ventilated place. Keep container tightly closed.

7.3. **Specific end use(s)**
   - No additional information available

**SECTION 8: Exposure controls/personal protection**

8.1. **Control parameters**
   - No additional information available

8.2. **Exposure controls**
   - Hand protection: Protective gloves
   - Eye protection: Chemical goggles or safety glasses
   - Skin and body protection: Wear suitable protective clothing
   - Respiratory protection: [In case of inadequate ventilation] wear respiratory protection.

**SECTION 9: Physical and chemical properties**

9.1. **Information on basic physical and chemical properties**
   - Physical state: Solid
   - Molecular mass: 101.11 g/mol
   - Colour: Pale yellow.
DIACETYL MONOXIME AR
Safety Data Sheet

Odour: odourless.
Odour threshold: No data available
pH: No data available
Relative evaporation rate (butylacetate=1): No data available
Melting point: 75 - 76 °C
Freezing point: No data available
Boiling point: 185 - 186 °C
Flash point: No data available
Auto-ignition temperature: No data available
 Decomposition temperature: No data available
 Flammability (solid, gas): No data available
 Vapour pressure: No data available
 Relative vapour density at 20 °C: No data available
 Relative density: No data available
 Solubility: No data available
 Log Pow: No data available
 Viscosity, kinematic: No data available
 Viscosity, dynamic: No data available
 Explosive properties: No data available
 Oxidising properties: No data available
 Explosive limits: No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
No additional information available

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
No additional information available

10.4. Conditions to avoid
Air contact. Direct sunlight. Moisture.

10.5. Incompatible materials
No additional information available

10.6. Hazardous decomposition products
No additional information available
### SECTION 11: Toxicological information

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Effect</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>Not classified</td>
</tr>
<tr>
<td>STOT-repeated exposure</td>
<td>Not classified</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

### SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

13.1. Waste treatment methods

No additional information available
# DIACETYL MONOXIME AR

**Safety Data Sheet**

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

<table>
<thead>
<tr>
<th>UN-No. (ADR)</th>
<th>: Not applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN-No. (IMDG)</td>
<td>: Not applicable</td>
</tr>
<tr>
<td>UN-No. (IATA)</td>
<td>: Not applicable</td>
</tr>
<tr>
<td>UN-No. (ADN)</td>
<td>: Not applicable</td>
</tr>
<tr>
<td>UN-No. (RID)</td>
<td>: Not applicable</td>
</tr>
</tbody>
</table>

### 14.2. UN proper shipping name

<table>
<thead>
<tr>
<th>Proper Shipping Name (ADR)</th>
<th>: Not applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper Shipping Name (IMDG)</td>
<td>: Not applicable</td>
</tr>
<tr>
<td>Proper Shipping Name (IATA)</td>
<td>: Not applicable</td>
</tr>
<tr>
<td>Proper Shipping Name (ADN)</td>
<td>: Not applicable</td>
</tr>
<tr>
<td>Proper Shipping Name (RID)</td>
<td>: Not applicable</td>
</tr>
</tbody>
</table>

### 14.3. Transport hazard class(es)

**ADR**

| Transport hazard class(es) (ADR) | : Not applicable |

**IMDG**

| Transport hazard class(es) (IMDG) | : Not applicable |

**IATA**

| Transport hazard class(es) (IATA) | : Not applicable |

**ADN**

| Transport hazard class(es) (ADN) | : Not applicable |

**RID**

| Transport hazard class(es) (RID) | : Not applicable |

### 14.4. Packing group

<table>
<thead>
<tr>
<th>Packing group (ADR)</th>
<th>: Not applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packing group (IMDG)</td>
<td>: Not applicable</td>
</tr>
<tr>
<td>Packing group (IATA)</td>
<td>: Not applicable</td>
</tr>
<tr>
<td>Packing group (ADN)</td>
<td>: Not applicable</td>
</tr>
<tr>
<td>Packing group (RID)</td>
<td>: Not applicable</td>
</tr>
</tbody>
</table>

### 14.5. Environmental hazards

| Dangerous for the environment | : No |
| Marine pollutant              | : No |
| Other information             | : No supplementary information available |

### 14.6. Special precautions for user

- **Overland transport**
  No data available

- **Transport by sea**
  No data available
DIACETYL MONOXIME AR
Safety Data Sheet

- Air transport
  No data available

- Inland waterway transport
  No data available

- Rail transport
  No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

No REACH Annex XVII restrictions
DIACETYL MONOXIME AR is not on the REACH Candidate List
DIACETYL MONOXIME AR is not on the REACH Annex XIV List

15.1.2. National regulations

Germany
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands
SZW-lijst van kankerverwekkende stoffen: The substance is not listed
SZW-lijst van mutagene stoffen: The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding: The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid: The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling: The substance is not listed

15.2. Chemical safety assessment
No additional information available

SECTION 16: Other information
This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.