



## MATERIAL SAFETY DATA SHEET DIACETYL MONOXIME

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name	: Diacetylmonoxime	<b>LABORT FINE CHEM PVT LTD.</b>
CAS	: 57-71-6	<b>Office:</b> 703-704 Icon Business Centre, Opp. Central Mall, Nr. Valentine Cinema, Dumas Road, Surat - 395007 (GUJARAT), INDIA.
Synonym	: DAM; 2,3-Butanedione 2-oxime; Biacetylmonoxime	Ph: 0091-261-2725761, 2725388 Fax: 0091-261-2725388
Chemical Name	: Diacetylmonoxime	<b>E Mail:</b> <a href="mailto:info@laboratorychemical.net">info@laboratorychemical.net</a> <b>Website:</b> <a href="http://www.laboratorychemical.net">www.laboratorychemical.net</a>
Chemical formula	:	<b>Factory:</b> Plot No. 320, G.I.D.C. Ichhapore Industrial Estate, Opp-ONGC, Taluka- Choryasi, District Surat, Gujarat., PIN 394510, India

### SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

#### Composition:

Chemical Name	CAS #	% weight
Diacetylmonoxime	57-71-6	100

**Toxicological Data on Ingredients:** 1,2-Dichlorobenzene: ORAL (LD50): Acute: 500 mg/kg [Rat]. 500 mg/kg [Rabbit].

### SECTION 3: HAZARDS IDENTIFICATION

Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label Elements : None required

Hazards not otherwise classified (HNOC) : None identified

### SECTION 4: FIRST AID MEASURES

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Skin Contact : Wash off immediately with plenty of water for at least 15 minutes.

Inhalation: Move to fresh air.

Ingestion :Do not induce vomiting.

Most important symptoms/effects :No information available.

Notes to Physician : Treat symptomatically

## SECTION 5: FIRE AND EXPLOSION DATA

**Unsuitable Extinguishing Media** : No information available

**Flash Point**: No information available

**Autoignition Temperature** :No information available

### **Explosion Limits**

Upper : No data available

Lower : No data available

**Sensitivity to Mechanical Impact** : No information available

**Sensitivity to Static Discharge** :No information available

**Specific Hazards Arising from the Chemical**:Keep product and empty container away from heat and sources of ignition.

Hazardous Combustion Products : None known

### **Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## SECTION 6: ACCIDENTAL RELEASES MEASURE

**Personal Precautions** :Ensure adequate ventilation. Use personal protective equipment.

**Environmental Precautions** :See Section 12 for additional ecological information.

**Methods for Containment and CleanUp** :No information available.

## SECTION 7: HANDLING AND STORAGE

**Handling** :Ensure adequate ventilation.

**Storage**: Keep containers tightly closed in a dry, cool and well-ventilated place.

## SECTION 8: PERSONAL PROTECTION

**Exposure Guidelines** :This product does not contain any hazardous materials with occupational exposure limitsestablished by the region specific regulatory bodies.

**Engineering Measures**: Ensure adequate ventilation, especially in confined areas.

### **Personnel protective equipments:**

**Eye/face Protection**: 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 and body protection**: Wear appropriate protective gloves and clothing to prevent skin exposure.

**Respiratory Protection**: 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.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Powder Solid

**Appearance:** White

**Odor:** Odorless

**pH and Odor Threshold:** No information available

**Melting Point/Range:** 75 - 78°C

**Boiling Point/Range:** 186°C@760mmHg

**Flash Point and Evaporation Rate:** No information available

**Flammability (solid,gas):** No information available

### Flammability or explosive limits

**Upper and Lower:** No data available

**Vapor Pressure:** No information available

**Vapor Density:** No information available

**Relative Density:** No information available

**Solubility:** Slightly soluble in water

**Partition coefficient; n-octanol/water:** No data available

**Autoignition Temperature:** No information available

**Decomposition Temperature:** No information available

**Viscosity:** No information available

**Molecular Formula:** C<sub>4</sub>H<sub>7</sub>NO<sub>2</sub>

**Molecular Weight:** 101.10

## SECTION 10: STABILITY AND REACTIVITY DATA

**Reactive Hazard:** None known, based on information available

**Stability:** Stable under normal conditions.

**Conditions to Avoid:** Incompatible products.

**Incompatible Materials:** Strong oxidizing agents

**Hazardous Decomposition Products:** None under normal use conditions

**Hazardous Polymerization:** Hazardous polymerization does not occur.

Hazardous Reactions: None under normal processing.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Acute Toxicity

**Component Information :** No information available

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Irritation :** No information available

**Sensitization:** No information available

**Carcinogenicity:** Not listed in IARC, NTP, ACGIH, OSHA

**Mutagenic Effects:** No information available

**Reproductive Effects:** No information available.

**Developmental Effects:** No information available.

**Teratogenicity:** No information available.

**STOT - single exposure:** None known

**STOT - repeated exposure:** None known

**Aspiration hazard:** No information available

**Symptoms / effects, both acute and delayed:** No information available

**Other Adverse Effects:** The toxicological properties have not been fully investigated.

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** Do not empty into drains.

**Persistence and Degradability:** No information available

**Bioaccumulation/ Accumulation:** No information available.

**Mobility:** No information available.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal:**

## SECTION 14: TRANSPORT INFORMATION

**DOT Classification:** Not regulated.

**Identification:** : Not regulated

**Special Provisions for Transport:** Not regulated

## SECTION 15: OTHER REGULATORY INFORMATION

**U.S. Federal Regulations**

TSCA 12(b: )Not applicable

SARA 313: Not applicable

**SARA 311/312 Hazardous Categorization**

Acute Health Hazard: Yes

Chronic Health Hazard: No

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactive Hazard: No

Clean Water Act: Not applicable

Clean Air Act: Not applicable

OSHA (Occupational Safety and Health Administration): Not applicable

U.S. Department of Transportation

Reportable Quantity (RQ): No

DOT Marine Pollutant: No

DOT Severe Marine Pollutant: No

U.S. Department of Homeland Security: This product does not contain any DHS chemicals.

Other International Regulations

**Canada :** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

WHMIS Hazard Class

D1B Toxic materials

D2B Toxic materials

**SECTION 16: OTHER INFORMATION****Product Use:**

Laboratory Reagent.

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