SAFETY DATA SHEET

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

1.1 Product identifiers

- **Product name**: 1-Deoxy-1-morpholino-D-fructose
- **Product Number**: D120852
- **Brand**: aladdin
- **CAS-No.**: 6291-16-3

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

- **Identified uses**: 仅供科研用途，不作为药物、家庭备用药或其它用途。

1.3 Details of the supplier of the safety data sheet

- **Company**: Shanghai Aladdin Biochemical Tech Co., Ltd
- **Address**: 36 Xinjinqiao Road, Shanghai
- **Telephone**: 400-620-6333
- **Fax**: no data available

1.4 Emergency telephone number

- **Emergency Phone**: 0532-83889090

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

2.2 GHS Label elements, including precautionary statements

- **Pictogram**: no data available
- **Signal word**: no data available
- **Hazard statement(s)**: 
- **Precautionary statement(s)**: 

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

SECTION 3: Composition/information on ingredients

3.1 Substances

- **Synonyms**: no data available
- **Formula**: C10H19NO6
- **Molecular weight**: 249.26
- **CAS No.**: 6291-16-3
SECTION 4: First aid measures

4.1 Description of first aid measures

General advice
no data available

If inhaled
no data available

In case of skin contact
no data available

In case of eye contact
no data available

If swallowed
no data available

4.2 Most important symptoms and effects, both acute and delayed
no data available

4.3 Indication of any immediate medical attention and special treatment needed
no data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media
no data available

Unsuitable extinguishing media
no data available

5.2 Special hazards arising from the substance or mixture
no data available

5.3 Advice for firefighters
no data available

5.4 Further information
no data available
SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
no data available

6.2 Environmental precautions
no data available

6.3 Methods and materials for containment and cleaning up
no data available

6.4 Reference to other sections
For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
no data available

7.2 Conditions for safe storage, including any incompatibilities
no data available

7.3 Specific end use(s)
no data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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

Personal protective equipment
Eye/face protection
Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN166(EU).

Skin 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. The selected protective gloves have to satisfy the specifications of Regulation (EU)2016/425 and the standard EN 374 derived from it.

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

**Respiratory protection**
Where risk assessment shows air-purifying respirators are appropriate use a fullface particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN(EU).

**Control of environmental exposure**
If safety requires, prevent further leakage or spillage. Do not let the product enter the sewer.

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**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Data Available</th>
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</thead>
<tbody>
<tr>
<td>Appearance</td>
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<tr>
<td>Odour</td>
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<tr>
<td>Odour Threshold</td>
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</tr>
<tr>
<td>pH</td>
<td>no data available</td>
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<tr>
<td>Melting point/freezing point</td>
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</tr>
<tr>
<td>Initial boiling point and boiling range</td>
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</tr>
<tr>
<td>Flash point</td>
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<tr>
<td>Evaporation rate</td>
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</tr>
<tr>
<td>Flammability (solid, gas)</td>
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</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
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</tr>
<tr>
<td>Vapour pressure</td>
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<tr>
<td>Vapour density</td>
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<td>Water solubility</td>
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<td>Partition coefficient: n-octanol/water</td>
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<tr>
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<td>Explosive properties N</td>
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<tr>
<td>Oxidizing properties N</td>
<td>no data available</td>
</tr>
</tbody>
</table>

**9.2 Other safety information**

no data available

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**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

no data available
10.2 Chemical stability
在建议的贮存条件下是稳定的

10.3 Possibility of hazardous reactions
no data available

10.4 Conditions to avoid
no data available

10.5 Incompatible materials
no data available

10.6 Hazardous decomposition products
no data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity
no data available
Skin corrosion/irritation
no data available
Serious eye damage/eye irritation
no data available
Respiratory or skin sensitisation
no data available
Germ cell mutagenicity
no data available
Carcinogenicity
no data available
Reproductive toxicity
no data available
Specific target organ toxicity - single exposure
no data available
Specific target organ toxicity - repeated exposure
no data available
Aspiration hazard
no data available
Additional Information
no data available

SECTION 12: Ecological information
12.1 **Toxicity**
no data available

12.2 **Persistence and degradability**
no data available

12.3 **Bioaccumulative potential**
no data available

12.4 **Mobility in soil**
no data available

12.5 **Results of PBT and vPvB assessment**
no data available

12.6 **Other adverse effects**
no data available

**SECTION 13:**

13.1 **Disposal considerations**

Product
no data available

Contaminated packaging
Dispose of as unused product.

**SECTION 14: Transport information**

**DOT (US)**

- UN number: no data available
- Proper shipping name: no data available
- Packing group: no data available
- Reportable Quantity(RQ): no data available
- Class: no data available
- Poison Inhalation Hazard: no data available

**IMDG**

- UN number: no data available
- Proper shipping name: no data available
- Packing group: no data available
- EMS-No: no data available

**IATA**

- UN number: no data available
- Proper shipping name: no data available
- Packing group: no data available
- Class: no data available

**SECTION 15: Regulatory information**

no data available
SECTION 16: Other information

Further information

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