

# OXFORD LAB FINE CHEM LLP

ISO 9001-2008 Certified Company

**Regd Office:** Unit no 12, 1st Floor,  
Neminath Industrial Estate No.6,  
Navghar, Vasai (East), Palghar - 410210.  
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## MATERIAL SAFETY DATA SHEET

### **N-ACETYL-L-ASPARTIC ACID 99%** **(For Biochemistry)** **MSDS CAS: 997-55-7**

#### **Section 1: Chemical Product and Company Identification**

##### Section 1: Chemical Product

**Product Name:** N-ACETYL-L-ASPARTIC ACID 99%

**CAS#:** 997-55-7

**Synonym:** Not Available

**Chemical Name:** Not Available

**Chemical Formula:** C<sub>6</sub>H<sub>9</sub>NO<sub>5</sub>

**Brand:** OXFORD

##### Details Of The Supplier Of The Safety Data Sheet :

**Company identification:** OXFORD LAB FINE CHEM LLP  
Unit. No. 12, 1st Floor, Neminath Industrial Estate No. 6,  
Navghar, Vasai (East). Palghar - 401 210.  
Mumbai, Maharashtra, INDIA.  
Tel: 91-250-2390989  
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#### **Section 2: Composition and Information on Ingredients**

##### Composition:

Name	CAS #	% by Weight
N-ACETYL-L-ASPARTIC ACID	997-55-7	100%

## Section 3: Hazards Identification

### Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

### Label elements

#### Labelling according Regulation (EC) No 1272/2008 [CLP]

**Pictogram** : none

**Signal word** : none

**Hazard statement(s)** : none

**Precautionary statement(s)** : none

**Supplemental Hazard**

**Statements** : none

**Safety data sheet available on request.**

**Other hazards** : none

## Section 4: First Aid Measures

### Description of first aid measures

**General advice:** Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact :** Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact :** Flush eyes with water as a precaution.

**If swallowed :** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician

**Most important symptoms and effects, both acute and delayed :** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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**Oxford**  
Range of  
Laboratory Chemicals

## Section 5: Fire and Explosion Data

### Extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture : Carbon oxides, nitrogen oxides (NOx).

Advice for firefighters : Wear self contained breathing apparatus for fire fighting if necessary.

Further information : no data available.

## Section 6: Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Avoid breathing dust.

Environmental precautions: Do not let product enter drains.

### Methods and materials for containment and cleaning up :

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

## Section 7: Handling and Storage

Precautions for safe handling : Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

Conditions for safe storage, including any incompatibilities : Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Specific end use(s) : no data available

## Section 8: Exposure Controls/Personal Protection

### Control parameters

### Components with workplace control parameters

### 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

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(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 EU Directive 89/686/EEC and the standard EN 374 derived from it.

### Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## Section 9: Physical and Chemical Properties

**Appearance** : Form: Powder  
**Colour** : White

## Section 9: Physical and Chemical Properties (Continued)

<b>Odour</b>	: no data available
<b>Odour Threshold</b>	: no data available
<b>pH</b>	: no data available
<b>Melting point</b>	: Melting point/range: 137 - 140 °C
<b>Freezing point</b>	: Melting point/range: 141 - 144 °C
<b>Initial boiling point and boiling range</b>	: no data available
<b>Flash point</b>	: no data available
<b>Evaporation rate</b>	: no data available
<b>Flammability (solid, gas)</b>	: no data available
<b>Upper/lower flammability or explosive limits</b>	: no data available
<b>Vapour pressure</b>	: no data available
<b>Vapour density</b>	: no data available
<b>Relative density</b>	: no data available
<b>Water solubility</b>	: no data available
<b>Partition Coefficient: n- Octanol/Water</b>	: log Pow: -1,093
<b>Auto-ignition temperature</b>	: no data available
<b>Decomposition temperature</b>	: no data available
<b>Viscosity</b>	: no data available
<b>Explosive properties</b>	: no data available
<b>Oxidizing properties</b>	: no data available

## Section 10: Stability and Reactivity Data

<b>Reactivity</b>	: no data available
<b>Chemical stability</b>	: no data available
<b>Possibility of hazardous</b>	: no data available
<b>Conditions to avoid</b>	: no data available
<b>Incompatible materials</b>	: Strong oxidizing agents.
<b>Hazardous decomposition products:</b>	Other decomposition products - no data available.

## Section 11: Toxicological Information

### Information on toxicological effects

**Acute toxicity** : LD50 Oral - rat - 3.300 mg/kg  
LD50 Intraperitoneal - mouse - 2.660 mg/kg

**Skin corrosion/irritation** : no data available

**Serious eye damage/eye irritation** : no data available

**Respiratory or skin sensitization** : no data available

Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

**Germ cell mutagenicity** : no data available

### Carcinogenicity:

**IARC:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity** : no data available

**Specific target organ toxicity - single exposure**

**Specific target organ toxicity - repeated exposure** : no data available

**Aspiration hazard** : no data available

### Potential health effects :

**Inhalation** : May be harmful if inhaled. May cause respiratory tract irritation.

**Ingestion** : May be harmful if swallowed.

**Skin** : May be harmful if absorbed through skin. Causes skin irritation.

**Eyes** : Causes serious eye irritation.

**Signs and Symptoms of Exposure:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

### Additional Information

RTECS: Not available

## Section 12: Ecological Information

**Toxicity** : no data available.

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## Section 12: Ecological Information (Continued)

**Persistence and degradability :** no data available

**Bioaccumulative potential :** no data available

**Mobility in soil :** no data available

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

**Other adverse effects :** no data available

## Section 13: Disposal Considerations

**Waste treatment methods**

**Product**

Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material  
With a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**Contaminated packaging**

Dispose of as unused product.

## Section 14: Transport Information

**Land transport (ADR-RID)**

**General Information :** Not Regulated.

**Sea transport (IMDG) [English only]**

**General Information :** Not Regulated.

**Air transport (ICAO-IATA) [English only]**

**General Information :** Not Regulated.

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## Section 15: Other Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**Safety, health and environmental regulations/legislation specific for the substance or mixture**  
no data available

**Chemical Safety Assessment :** no data available

## Section 16 - Additional Information

**References:** Not available.

**Other Special Considerations:** Not available.

### *Disclaimer:*

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The information contained herein in good faith but makes no representations as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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