

# L-GLUTAMIC ACID MONOSODIUM SALT MONOHYDRATE EXTRA PURE

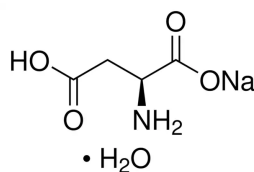
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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
SDS Reference Number: 03956  
□□□□□□: 4/9/2014 □□□□□□: 12/18/2024 □□□□: 6/20/2016 □□: 1.0

## □□ 1: □□□□ □□ □□ □□

### 1.1. □□□□

□□ □□ : □□  
□□ □□ : L-GLUTAMIC ACID MONOSODIUM SALT MONOHYDRATE EXTRA PURE  
EC □□ : 205-538-1  
CAS □□ : 6106-04-3  
□□ □□ : 03956  
□□ □□ : Amino acids  
□□ □□ : C<sub>5</sub>H<sub>8</sub>NNaO<sub>4</sub> · H<sub>2</sub>O  
□□ □□ :  
□□ □□ :



□□ □□ : (S)-2-Aminopentanedioic acid, Sodium glutamate Monohydrate

### 1.2. □□□□ □□ □□□□ □□ □□ □□ □□

□□ □□ □□ : Industrial  
□□/□□□ □□ □□ : For professional use only  
□□□□/□□□□ □□ : Laboratory chemicals  
□□□ □□

### 1.3. □□□□□□□□ □□□ □□

LOBA CHEMIE PVT.LTD.  
107 Wode House Road, Jehangir Villa, Colaba  
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[info@lobachemie.com](mailto:info@lobachemie.com), [www.lobachemie.com](http://www.lobachemie.com)

### 1.4. □□□□□□

□□ □□ □□ : + 91 22 6663 6663 (9:00am - 6:00 pm)

## □□ 2: □□□·□□□

### 2.1. □□□·□□□ □□

Regulation (EC) No.1272/2008 [CLP]□ □□ □□

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□□□□□, □□ □□ □ □□□□□□□

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

### 2.2. □□□□□□□ □□□ □□□□ □□

□□ (EC) No. 1272/2008 □ □□ □□ □□[CLP]

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### 2.3. □□ □□

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

# L-GLUTAMIC ACID MONOSODIUM SALT MONOHYDRATE EXTRA PURE

□□□□□□□□

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

## □□ 3: □□□□□□□□□□

### 3.1. □□□□

□□ □□ : □□□□□□

□□	□□□□	%
L-GLUTAMIC ACID MONOSODIUM SALT MONOHYDRATE	CAS □□: 6106-04-3 EC □□: 205-538-1	100

## □□ 4: □□□□□□

### 4.1. □□□□ □□

□□ □□ □□ : If you feel unwell, seek medical advice.  
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□□□ □□□□ □□ : □□□ □□□ □□ □□□□ □□□□□□. □□ □□ □ □□□ □□□ □□□□□□. Wash skin with plenty of water.  
□□ □□□□ □□ : □ □□ □□ □□□□ □□□□. □□□□ □□□□□□ □□□□□□. □□ □□□□□.  
□□□ □□ : □□ □□□□□□. Do not induce vomiting. □□□□ □□□ □□□□(□□)□ □□□ □□□□□□.  
First-aid measures for first aider : □□□□ □□□□ □□□ □□ □□ □□□ □□□□ □□□□.

### 4.2. □□ □□□□ □□ □□□□ □□ □□□□

□□ □ □□/□□ : None under normal conditions. Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure.  
□□ □□ □ □□/□□ : None under normal conditions. Dust may cause irritation in skin folds or by contact in combination with tight clothing.  
□ □□ □ □□/□□ : None under normal conditions. Dust from this product may cause eye irritation.  
□□ □ □□/□□ : None under normal conditions.

### 4.3. □□□□ □□ □ □□ □□ □□ □□ □□ □□

Treat symptomatically.

## □□ 5: □□•□□□ □□□□

### 5.1. □□□ □□□

□□□ □□□ : Carbon dioxide. Water spray. Dry powder. Foam.  
□□□□ □□□□ : Do not use a heavy water stream.

### 5.2. □□□□□□□□ □□□ □□ □□□□

□□ □□ : No fire hazard.  
□□ □□ : No direct explosion hazard.  
□□ □ □□□ □□□ □□ : Toxic fumes may be released.

### 5.3. □□□□□ □□ □□

□□ □□ : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.  
□□ □□ □ □□□ : Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. □□□ □□□□□□. Complete protective clothing.

# L-GLUTAMIC ACID MONOSODIUM SALT MONOHYDRATE EXTRA PURE

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## □□ 6: □□□□□ □□□□

### 6.1. □□□ □□□□ □□ □□□ □□□□ □□□□

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- □□□ : Wear recommended personal protective equipment.
- □□ : Ventilate spillage area. Evacuate unnecessary personnel.
- □□□□ : Do not attempt to take action without suitable protective equipment. □□□ □□ □□□□ □□□□□□. □□ □□□ □□□ □□ 8: "□□□□ □□ □□□□"□ □□□□□.
- □□ : Ventilate area. Evacuate unnecessary personnel.

### 6.2. □□□ □□□□ □□ □□□ □□□□

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### 6.3. □□ □□ □□ □□

- : Using a clean shovel, put the material in a dry container and cover without compressing it.
- □□ : Mechanically recover the product. □□□□ □□□□. On land, sweep or shovel into suitable containers.
- □□ □□□□ : Dispose of materials or solid residues at an authorized site.

### 6.4. □□ □□ □□

For further information refer to section 13.

## □□ 7: □□ □ □□□□

### 7.1. □□□□□□

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- : Ensure good ventilation of the work station. □□ □□□□ □□□□□. □□ □ □□□ □□□ □□□□. Do not breathe vapours.
- □□ : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. □ □□□ □□□ □□□ □□□, □□□□ □□□□ □□□. Always wash hands after handling the product.

### 7.2. □□□□ □□□ □□□ □□□ □□ □□

- □□□ : Keep in a cool, well-ventilated place away from heat.
- □□ : □□□ □□□ □□□□□. Store in original container. □□□ □□□ □□□□□.
- : Store always product in container of same material as original container.

### 7.3. □□ □□ □□

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## □□ 8: □□□□ □ □□□□□

### 8.1. □□ □□ □□

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### 8.2. □□□□

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Ensure good ventilation of the work station.

# L-GLUTAMIC ACID MONOSODIUM SALT MONOHYDRATE EXTRA PURE

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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□□ □□□:

Wear recommended personal protective equipment.

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Chemical goggles or safety glasses

## Skin protection

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Wear a mask

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Protective gloves

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Wear appropriate mask

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## 9.1. □□□□ □□□□□ □□□ □□ □□

□□□ □□	: □□
□□	: White.
□□	: Needle shaped crystals.
□□□	: 187.13 g/mol
□□	: Odourless.
□□ □□	: □□□□
□□□	: 232 °C (Decomposes)
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pH	: 6.7 – 7.2
pH □□□ □□	: 5 %
□□(□□□)	: □□□□
□□□	: □: Freely soluble in water
Partition coefficient n-octanol/water (Log Kow)	: □□□□
□□□	: □□□□
50°C□□□ □□□	: □□□□
□□	: □□□□
□□	: 26.2
20°C□□□ □□ □□ □□	: □□□□
Particle size	: □□□□

# L-GLUTAMIC ACID MONOSODIUM SALT MONOHYDRATE EXTRA PURE

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## 9.2. □□□□□□□□

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## □□ 10: □□□□ □□□□

### 10.1. □□□□

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. □□□□ □□□□

Stable under normal conditions.

### 10.3. □□□□ □□□□ □□□□

No dangerous reactions known under normal conditions of use.

### 10.4. □□□□ □□□□

□□□□. Extremely high or low temperatures.

### 10.5. □□□□ □□□□

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### 10.6. □□□□ □□□□ □□□□

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## □□ 11: □□□□ □□□□

### 11.1. □□ (EC) No 1272/2008 □□□□, □□□□ □□□□ □□□□

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□□ □□□□ □□ □□□□	:	□□□□ □□
		pH: 6.7 – 7.2
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		pH: 6.7 – 7.2
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### L-GLUTAMIC ACID MONOSODIUM SALT MONOHYDRATE EXTRA PURE (6106-04-3)

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### 11.2. □□□□ □□□□

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# L-GLUTAMIC ACID MONOSODIUM SALT MONOHYDRATE EXTRA PURE

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

## □□ 12: □□□ □□□ □□

### 12.1. □□

□□□ - □□ : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.  
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□□ □□□□ □□□ : □□□□ □□

### 12.2. □□□ □ □□□

L-GLUTAMIC ACID MONOSODIUM SALT MONOHYDRATE EXTRA PURE (6106-04-3)	
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### 12.3. □□ □□□

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### 12.4. □□ □□□

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### 12.5. PBT □ vPvB □□ □□

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### 12.6. □□□ □□ □□

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### 12.7. □□ □□ □□

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## □□ 13: □□□ □□□□

### 13.1. □□□ □□□

□□ □□(□□□) : Disposal must be done according to official regulations.  
□□□ □□□ : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
□□ □□ □□ □□ : Disposal must be done according to official regulations.  
□□/□□ □□ □□□□ : Comply with applicable regulations for solid waste disposal. Disposal must be done according to official regulations.  
□□ □□ : Do not re-use empty containers.

## □□ 14: □□□ □□□ □□

ADR / IMDG / IATA / ADN / RID □□ □□

### 14.1. UN □□ □□ ID □□

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### 14.2. UN □□ □□□

□□ □□□ (ADR) : Not regulated  
□□ □□□ (IMDG) : Not regulated  
□□ □□□ (IATA) : Not regulated  
□□ □□□ (ADN) : Not regulated  
□□ □□□ (RID) : Not regulated







# L-GLUTAMIC ACID MONOSODIUM SALT MONOHYDRATE EXTRA PURE

□□□□□□□□

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□□□□□□□□:	
DMEL	Derived Minimal Effect level
DNEL	□□ □□□ □□
EC □□	□□ □□□ □□
EC50	Median effective concentration
ED	□□□ □□□□
EN	□□ □□
EWC	European waste catalogue
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
Log Kow	Partition coefficient n-octanol/water (Log Kow)
Log Pow	Partition coefficient n-octanol/water (Log Pow)
MAK	maximum workplace concentration
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
N.O.S.	Not Otherwise Specified
OECD	Organisation for Economic Co-operation and Development
OEL	□□□ □□ □□
OSHA	Occupational Safety & Health Administration
PBT	Persistent Bioaccumulative Toxic
PNEC	□□ □□□ □□
PPE	□□ □□□
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	□□□□□□□□
STP	Sewage treatment plant
TF	□□□ □□
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
TWA	Time Weighted Average
COV	Volatile Organic Compounds
vPvB	Very Persistent and Very Bioaccumulative
UFI	□□ □□ □□□

□□□□□□□□(SDS), EU

# L-GLUTAMIC ACID MONOSODIUM SALT MONOHYDRATE EXTRA PURE

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