

□□ (EU) 2020/878□ □□ □□□ REACH □□ (EC) 1907/2006□ □□

SDS Reference Number: 04192

1.1.

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meso-INOSITOL FOR BIOCHEMISTRY

 $EC \square \square$ 201-781-2 $CAS \; \square \; \square$: 87-89-8 : 04192

: Organic compound

C6H12O6

OH HO. HO. HO, ЮH OH

: myo-Inositol, Cyclohexanehexol, Vitamin B8

1.2.

00/0000000 : Industrial

For professional use only

0000/000000 : Chemical substance for research

Laboratory chemicals

1.3.

LOBA CHEMIE PVT.LTD.

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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]

2.3.

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

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3.1. □ □ □ □

00	0000	%
	CAS □□: 87-89-8 EC □□: 201-781-2	100

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4.1.

□□□□□□ : If you feel unwell, seek medical advice.

advice.

: Rinse mouth out with water. If you feel unwell, seek medical advice.

4.2.

: None under normal conditions. Dust of the product, if present, may cause respiratory irritation after

excessive inhalation exposure.

: None under normal conditions. Dust may cause irritation in skin folds or by contact in combination

with tight clothing.

4.3.

Treat symptomatically.

□□ **5:** □□·□□□ □□□□

5.1.

: Water spray. Dry powder. Foam.

□□□□□□ : Do not use a heavy water stream.

□□□□ : No fire hazard.

5.3.

: Fight fire from safe distance and protected location. Do not enter fire area without proper protective

equipment, including respiratory protection.

protective clothing.

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6.1.

: Wear recommended personal protective equipment.

: Do not attempt to take action without suitable protective equipment.

□ □ □ □ : Stop release. Evacuate unnecessary personnel.

6.2. חחח חחחח חח חחח חחחח

6.3.

□□□ : Using a clean shovel, put the material in a dry container and cover without compressing it.

□ □ □ : Mechanically recover the product. Clear up rapidly by scoop or vacuum.

6.4. \Box \Box \Box \Box

For further information refer to section 13.

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7.1. □ □ □ □ □ □

: Ensure good ventilation of the work station. □□□□□□□□□□. Avoid contact with skin.

: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

after handling the product.

7.2.

□□□□□ : Keep in a cool, well-ventilated place away from heat.

: Store always product in container of same material as original container.

7.3.

__ **8:** _____

8.1.

8.2. \Box

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Ensure good ventilation of the work station.

пп ппп:

Wear recommended personal protective equipment.

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□ □□:

Chemical goggles or safety glasses

Skin protection

Wear a mask

Protective gloves

□□□ □□**:**

Wear appropriate mask

00 00 00:

__ **9:** ______

9.1.

: 🗆 🗆 : White. : Powder. : 180.16 g/mol : Odourless. : 0000 : 224 – 227 °C : 0000 : 0000 : 000 : 0000 : 0000 : 0000 : 580 °C : 0000 рΗ : 0000

□□□ : □: Soluble in water

: 0000

: 0000

 Partition coefficient n-octanol/water (Log Kow)
 : □□□□

 50°C□□□□□□
 : □□□□

 \Box : 1.752 g/cm³ at 15 °C

9.2.

рН□□

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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.

Air contact. Moisture.

10.5.

10.6.

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

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

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meso-INOSITOL FOR BIOCHEMISTRY (87-89-8)

11.2.

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12.1. □ □

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

12.2.

meso-INOSITOL FOR BIOCHEMISTRY (87-89-8)

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12.3.

12.4.

12.5. PBT □ **vPvB** □ □ □

12.6.

12.7.

00 13: 000 0000

13.1.

□□□□□ : Dispose of contents/container in accordance with licensed collector's sorting instructions.

: Disposal must be done according to official regulations.

official regulations.

: Not regulated

□ □ □ : Do not re-use empty containers.

__ **14:** ___ __ __

ADR / IMDG / IATA / ADN / RID 🗆 🗅

14.1. UN 🗆 🗆 🗆 ID 🗆

14.2. UN □□ □□□

□□□□(ADR)
: Not regulated

□□□□(IMDG)
: Not regulated

□□□(IATA)
: Not regulated

□□□(ADN)
: Not regulated

14.3.

□□ □□□ (RID)

ADR

: Not regulated

IMDG

: Not regulated

IATA

ADN

: Not regulated

RID

 $2/6/2025 (\square \square \square \square)$ KO ($\square \square$)

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14.4.

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

14.5.

14.6.

Not regulated

Not regulated

Not regulated

Not regulated

Not regulated

00 15: 00 0000

15.1. 00, 00 0 000 0000 0000 00 000 00 00 00/00

EU □□

REACH \square \square XVII (\square \square \square)

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REACH \square \square \square \square \square (SVHC)

PIC (... EU 649/2012)

Ozone Regulation (2024/590)

Not listed on the Ozone Depletion list (Regulation EU 2024/590)

□□□□□□(428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

□□ □□□ □□ (2019/1148)

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□□□□□□□(273/2004)

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VOC ordinance (ChemVOCFarbV) :

WGK : WGK 3, □□□□□ (Classification according to AwSV).

15.2.

No chemical safety assessment has been carried out

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ACGIH	American Conference of Government Industrial Hygienists			
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways			
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road			
ATE	Acute Toxicity Estimate			
BCF	Bioconcentration factor			
BLV				
BOD	Biochemical oxygen demand (BOD)			
CAS □□	0000 00 00 00(CAS)			
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008			
COD				
CSA				
DMEL	Derived Minimal Effect level			
DNEL				
ЕС 🗆 🗆	00 000 00			
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)			

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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