

# 1-OCTANE SULPHONIC ACID SODIUM SALT MONOHYDRATE AR/HPLC

□□□□□□□□

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

SDS Reference Number: 05038

□□□□□□: 4/9/2014 □□□□□□: 1/8/2025 □□□□: 4/9/2015 □□: 1.0

## □□ 1: □□□□ □□ □□ □□

### 1.1. □□□□

□□ □□ : □□  
□□ □□ : 1-OCTANE SULPHONIC ACID SODIUM SALT MONOHYDRATE AR/HPLC  
EC □□ : 226-195-4  
CAS □□ : 207596-29-0  
□□ □□ : 05038  
□□ □□ : Organic compound  
□□ □□ : C<sub>8</sub>H<sub>17</sub>NaO<sub>3</sub>S.H<sub>2</sub>O  
□□ □□ :  
$$\text{CH}_3(\text{CH}_2)_6\text{CH}_2-\overset{\text{O}}{\parallel}{\text{S}}-\text{ONa} \cdot \text{H}_2\text{O}$$
  
□□ □□ : Sodium-1-octanesulphonate Monohydrate

### 1.2. □□□□ □□ □□□□ □□ □□ □□ □□

□□ □□ □□ : Laboratory chemicals, Manufacture of substances  
□□□□/□□□□ □□

### 1.3. □□□□□□□□ □□ □□ □□

LOBA CHEMIE PVT.LTD.  
107 Wode House Road, Jehangir Villa, Colaba  
400005 Mumbai  
INDIA  
T +91 22 6663 6663, F +91 22 6663 6699  
[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

## □□ 3: □□□□□ □□ □ □□□

### 3.1. □□□□

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# 1-OCTANE SULPHONIC ACID SODIUM SALT MONOHYDRATE AR/HPLC

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| □□  | □□□□                                    | %   |
|---|---|-----|
| 1-OCTANE SULPHONIC ACID SODIUM SALT MONOHYDRATE | CAS □□: 207596-29-0<br>EC □□: 226-195-4 | 100 |

## □□ 4: □□□□□□

### 4.1. □□□□ □□

- □□ □□ : If you feel unwell, seek medical advice.
  - □□ : □□□ □□□ □□ □□□ □□□ □□ □□□ □□ □□□□. Give oxygen or artificial respiration if necessary. If you feel unwell, seek medical advice.
  - □□□□ □□ : □□□ □□□ □□ □□□□. □□ □□ □ □□□ □□□ □□□□□. □□ □□□ □□□: □□□□ □□/□□□ □□□. □□ □□□ □□□. Wash skin with plenty of water.
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  - □□ : Rinse mouth out with water. If you feel unwell, seek medical advice. □□□□ □□□ □□□□(□□)□ □□□ □□□□.
- 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.

### 4.3. □□□□ □□ □ □□ □□ □□ □□ □□

Treat symptomatically.

## □□ 5: □□·□□□ □□□□

### 5.1. □□□ □□□

- □□□ : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2). 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 attempt to take action without suitable protective equipment. □□□ □□□□□. Complete protective clothing.

## □□ 6: □□□□□ □□□□

### 6.1. □□□ □□□□ □□ □□□ □□□□ □ □□□

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- : Wear recommended personal protective equipment.
- : Ventilate spillage area. Evacuate unnecessary personnel.

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- : Do not attempt to take action without suitable protective equipment. □□□ □□ □□□□ □□□□□. □□ □□□ □□□ □□ 8: "□□□□ □ □□□□□"□ □□□□□.
- : Stop release. Evacuate unnecessary personnel.

## 6.2. □□□ □□□□ □□ □□□ □□□□

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## 6.3. □□ □□ □□ □□

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- : 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.
- : 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. □□ □□□□ □□□□□. □, □□, □□□ □□ □□□ □□□.
  - : □□ □□□ □□ □□ □□□ □□□□□. □ □□□ □□□ □□□ □□□, □□□□ □□□□ □□□.
- Always wash hands after handling the product.

### 7.2. □□□□ □□□ □□□ □□□ □□ □□

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- : 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.

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Wear recommended personal protective equipment.

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□ □ □:

Chemical goggles or safety glasses

## Skin protection

□ □ □ □:

Wear a mask

□ □ □:

Protective gloves

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Wear appropriate mask

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## □ □ 9: □ □ □ □ □ □

### 9.1. □ □ □ □ □ □ □ □ □ □ □ □

|   |                       |
|---|-----------------------|
| □ □ □ □ □ □                                     | : □ □                 |
| □ □   | : White.              |
| □ □   | : Crystalline powder. |
| □ □ □   | : 234.29 g/mol        |
| □ □   | : Odourless.          |
| □ □ □ □   | : □ □ □ □             |
| □ □ □ □   | : > 300 °C            |
| □ □ □ □   | : □ □ □ □             |
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| □ □ □ □ □ □                                     | : □ □ □ □             |
| pH  | : 5.5 – 7.5           |
| pH □ □ □ □ □ □                                  | : 1 %                 |
| □ □ (□ □ □ □)                                   | : □ □ □ □             |
| □ □ □ □   | : □: Soluble in water |
| Partition coefficient n-octanol/water (Log Kow) | : □ □ □ □             |
| □ □ □ □   | : □ □ □ □             |
| 50°C □ □ □ □ □ □ □ □                            | : □ □ □ □             |
| □ □ □ □   | : □ □ □ □             |
| □ □ □ □   | : □ □ □ □             |
| 20°C □ □ □ □ □ □ □ □ □ □                        | : □ □ □ □             |
| Particle size                                   | : □ □ □ □             |

### 9.2. □ □ □ □ □ □ □ □

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## □ □ 10: □ □ □ □ □ □ □ □

### 10.1. □ □ □ □

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

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## 10.2. □□□ □□□

Stable under normal conditions.

## 10.3. □□ □□□ □□□

No dangerous reactions known under normal conditions of use.

## 10.4. □□□ □ □□

□□□□. Air contact. Moisture.

## 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 □ □□□, □□□ □□□ □□ □□

|                    |   |                          |
|--------------------|---|--------------------------|
| □□ □□ (□□)         | : | □□□□ □□                  |
| □□ □□ (□□)         | : | □□□□ □□                  |
| □□ □□ (□□)         | : | □□□□ □□                  |
| □□ □□□ □□ □□□      | : | □□□□ □□<br>pH: 5.5 – 7.5 |
| □□ □ □□ □□ □□□     | : | □□□□ □□<br>pH: 5.5 – 7.5 |
| □□□ □□ □□ □□□      | : | □□□□ □□                  |
| □□□□ □□□□          | : | □□□□ □□                  |
| □□□                | : | □□□□ □□                  |
| □□□□               | : | □□□□ □□                  |
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| □□ □□□□ □□ (□□ □□) | : | □□□□ □□                  |
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### 1-OCTANE SULPHONIC ACID SODIUM SALT MONOHYDRATE AR/HPLC (207596-29-0)

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## 11.2. □□ □□ □□

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## □□ 12: □□□ □□□ □□

### 12.1. □□

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

## 12.2. □□□ □ □□□

### 1-OCTANE SULPHONIC ACID SODIUM SALT MONOHYDRATE AR/HPLC (207596-29-0)

|           |          |
|-----------|----------|
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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. □□□ □□□

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□□/□□ □□ □□□□

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- : 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

### 14.3. □□□□□ □□□ □□

#### ADR

□□□□□ □□□ □□ (ADR)

: Not regulated

#### IMDG

□□□□□ □□□ □□ (IMDG)

: Not regulated

#### IATA

□□□□□ □□□ □□ (IATA)

: Not regulated

#### ADN

□□□□□ □□□ □□ (ADN)

: Not regulated

#### RID

□□□□□ □□□ □□ (RID)

: Not regulated

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## 14.4. □□□□

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

## 14.5. □□ □□□□

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## 14.6. □□□□ □□ □□ □□□□

□□ □□  
Not regulated

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Not regulated

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Not regulated

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Not regulated

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Not regulated

## 14.7. □□□□□□ (IMO) □□ □□ □□ □□

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## □□ 15: □□ □□□□

### 15.1. □□, □□ □□ □□□□ □□□□ □□ □□□□ □□ □□ □□/□□

EU □□

**REACH** □□□ XVII (□□ □□)

REACH □□□ XVII □□ □□ □□

**REACH** □□□ XIV (□□ □□)

REACH □□□ XIV (□□ □□) □□ □□ □□

**REACH** □□ □□ □□ (SVHC)

REACH □□ □□□□ □□ □□ □□ □□

**PIC** □□ (□□□□□□)

PIC □□□ □□ □□ (□□ EU 649/2012)

**POP** □□ (□□□□ □□ □□□□)

POP □□□ □□ □□ (□□ EU 2019/1021)

**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) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

□□ □□□□ □□ (2019/1148)

□□□ □□□□ □□ (□□ □□□□□□ □□ □□□□ □□ □□ EU 2019/1148 ) □□□ □□ □□ □□ □□





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| □□□□□□□□: |  |
|-----------|--|
| 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       | □□ □□ □□□  |

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