

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

| | |
|-----------------------------|---|
| Catalogue Number | CS-EP-00481 |
| Product Name | Sodium Caprylate |
| CAS No. | 1984-06-1 |
| Category | Fine Chemicals |
| Synonyms | Sodium octoate; Sodium caprylate; Sodium octanoate; |
| Brand | Clearsynth Labs Ltd. |
| Identified uses | Laboratory Chemicals |
| Uses advised against | Not available |
| Company | Clearsynth Labs Ltd. Mumbai, India |
| Emergency Phone # | +91-22-245045900 |
| REACH No. | Not available |

SECTION 2: Hazards identification

Disclaimer: This is sample MSDS. Please email sales@clearsynth.com for more details.

2.1 Classification of the substance or mixture-Regulation (EC) No 1272/2008:

Skin irritation (Category 2)

Serious eye damage/eye irritation (Category 2)

2.2 Label Elements

Signal Word: Warning



Hazard Statement(s)

| Code | Statement |
|------|----------------------------|
| H314 | Not available |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |

| | |
|------|--------------------------------|
| H319 | Causes serious eye irritation. |
|------|--------------------------------|

Precautionary Statement(s)

| Code | Statement |
|----------------|---|
| P260 | Not available |
| P264 | Wash hands thoroughly after handling. |
| P264+P265 | Not available |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P301+P330+P331 | Not available |
| P302+P352 | IF ON SKIN: Wash with plenty of water and soap. |
| P302+P361+P354 | Not available |
| P304+P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present. |
| P305+P354+P338 | Not available |
| P316 | Not available |
| P317 | Not available |
| P321 | Specific treatment (see ... on this label). |
| P332+P317 | If skin irritation occurs: Get medical help. |
| P337+P317 | If eye irritation persists: Get medical help. |
| P362+P364 | Take off contaminated clothing and wash it before reuse. |
| P363 | Not available |
| P405 | Store locked up. |
| P501 | Dispose of contents/container in accordance with local/regional/national/international regulations. |

SECTION 3: Composition / information on ingredients

3.1 Substance

Component : Sodium Caprylate

CAS Number : 1984-06-1

Molecular Formula : C₈H₁₅NaO₂

Molecular Weight : 166.19

Parent Chemical : -

Synonyms : Sodium octoate; Sodium caprylate; Sodium octanoate;

Concentration : Not available

SECTION 4: First aid measures

SECTION 4: First-aid measures

4.1 Description of first aid measures

- General advice: Remove from exposure. Show this Safety Data Sheet to the doctor in attendance.
- Inhalation: Move person to fresh air. If breathing is difficult, seek medical attention.
- Skin contact: Wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if irritation persists.
- Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.
- Ingestion: Rinse mouth. Do NOT induce vomiting unless directed by medical personnel. Seek medical attention if feeling unwell.

4.2 Most important symptoms and effects, both acute and delayed

- Not available.

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically. No data available.

SECTION 5: Firefighting measures

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

- Suitable extinguishing media: Water spray, alcohol-resistant foam, dry chemical, carbon dioxide (CO₂).
- Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture

- May decompose on heating to produce irritating and/or toxic fumes.
- Hazardous combustion products: Not available.

5.3 Advice for firefighters

- Wear self-contained breathing apparatus (SCBA) and full protective gear.
- Use water spray to cool unopened containers.
- Avoid breathing smoke/fumes.

SECTION 6: Accidental release measures

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Avoid dust formation. Avoid breathing dust.
- Use appropriate personal protective equipment (see Section 8).
- Ensure adequate ventilation.

6.2 Environmental precautions

- Prevent further leakage or spillage if safe to do so.
- Avoid release to the environment. Prevent entry into drains, surface waters, or soil.

6.3 Methods and material for containment and cleaning up

- Sweep up or vacuum without generating dust and place in a suitable, closed container for disposal.
- Clean contaminated area with water and detergent as appropriate.

6.4 Reference to other sections

- See Section 8 for personal protective equipment and Section 13 for disposal considerations.

SECTION-7: Handling and storage

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Avoid contact with skin and eyes.
- Avoid breathing dust. Avoid dust generation.
- Use with adequate ventilation.
- Practice good industrial hygiene.

7.2 Conditions for safe storage, including any incompatibilities

- Store in a tightly closed container in a cool, dry, well-ventilated place.
- Protect from moisture.
- Incompatible materials: Not available.

7.3 Specific end use(s)

- Fine chemical / laboratory use. No data available for specific end uses.

SECTION 8: Exposure controls / personal protection

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- Occupational exposure limits: No data available.

8.2 Exposure controls

- Engineering controls: Provide adequate ventilation. Use local exhaust where dust may be generated.
- Personal protective equipment (PPE):
 - Eye/face protection: Safety glasses with side shields or chemical splash goggles.
 - Skin protection: Protective gloves. Wear appropriate protective clothing.
 - Respiratory protection: If dust is generated and ventilation is inadequate, use an appropriate particulate respirator.
 - Hygiene measures: Wash hands after handling. Do not eat, drink, or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| Test | Result |
|-------------|-------------------|
| Appearance | No data available |
| IR spectrum | No data available |
| pH | No data available |

| Test | Result |
|------------|-------------------|
| Solubility | No data available |

| Property | Value |
|--|-------------------|
| a) Physical State | No data available |
| b) Color | No data available |
| c) Odor | No data available |
| d) pH | No data available |
| e) Vapour Pressure | No data available |
| f) Viscosity | No data available |
| g) Initial Boiling Point and boiling range | No data available |
| h) Melting Point / Freezing Point | No data available |
| i) Auto Ignition Temperature | No data available |
| j) Flash Point | No data available |
| k) Explosion Limit, Lower | No data available |
| l) Explosion Limit, Upper | No data available |
| m) Decomposition Temperature | No data available |
| n) Loss on Drying | No data available |
| o) Relative Density | No data available |
| p) Solubility (in DMSO) | No data available |
| q) Oxidizing Properties | No data available |

SECTION 10: Stability and reactivity

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10.1 Reactivity

- No data available.

10.2 Chemical stability

- Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

- No data available.

10.4 Conditions to avoid

- Excess heat. Moisture. Dust formation.

10.5 Incompatible materials

- Not available.

10.6 Hazardous decomposition products

- Not 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: SODIUM OCTANOATE (5 MMOLE/KG) INDUCED IN RHESUS MONKEYS (MACACA MULATTA) A 20-MINUTE COMA WITH MYOCLONIA FOLLOWED BY COMPLETE MUSCULAR ATONY & DISAPPEARANCE OF OCULAR MOVEMENTS.

- Respiratory or skin sensitization: No data available.

- Germ cell mutagenicity: No data available.

- Carcinogenicity: No data available.

- Reproductive toxicity: No data available.

- STOT-single exposure: No data available.

- STOT-repeated exposure: IN RABBITS, IV ADMIN OF SODIUM CAPRYLATE RESULTED IN A PRONOUNCED, ALTHOUGH TRANSIENT, INHIBITION OF PLATELET REACTIVITY AS MEASURED BY THE LASER TECHNIQUE. A SINGLE ORAL DOSE OF CAPRYLATE HAD NO EFFECT ON PLATELET ADHESIVENESS. LONG-TERM ORAL ADMIN (2 & 3 WK) TO RABBITS RESULTED IN A PROGRESSIVE & SIGNIFICANT DECREASE IN PLATELET ADHESIVENESS. OTHER HEMATOLOGIC PARAMETERS SUCH AS HEMATOCRIT, PLASMA CHOLESTEROL, TRIGLYCERIDES, & KETONE BODY CONCENTRATIONS WERE NOT ALTERED BY THE TREATMENT.

- Aspiration hazard: No data available.

Likely routes of exposure

- No data available.

Symptoms related to the physical, chemical and toxicological characteristics

- Not available.

SECTION 12: Ecological information

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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 Endocrine disrupting properties

- No data available.

12.7 Other adverse effects

- No data available.

SECTION 13: Disposal considerations

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Dispose of contents/container in accordance with local/regional/national/international regulations.
- Do not discharge to drains.
- Contaminated packaging: Dispose of as unused product.
- Waste code: Not available.

SECTION 14: Transport information

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- UN number: Not available.
- UN proper shipping name: Not available.
- Transport hazard class(es): Not available.
- Packing group: Not available.
- Environmental hazards: Not available.
- Special precautions for user: Not available.
- Transport in bulk according to IMO instruments: Not available.

SECTION 15: Regulatory information

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15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Regulatory listings: Not available.

15.2 Chemical safety assessment

- No data available.

SECTION 16: Other information

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- Product name: Sodium Caprylate
- Catalog No.: CS-EP-00481
- CAS No.: 1984-06-1
- Synonyms: Sodium octoate; Sodium caprylate; Sodium octanoate
- Supplier: Clearsynth Labs Ltd., Mumbai, India

- Emergency phone: +91-22-245045900

Disclaimer

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