

**MATERIAL SAFETY DATA SHEET (MSDS)****SODIUM DEOXYCHOLATE (CULTURE MEDIA ADDITIVE)****1. Product Identification**

CAS No.: 302-95-4

Product Coad: S0187600025

Molecular Weight: 414.56  
Chemical Formula:  $C_{24}H_{39}O_4Na$ **2. Composition/Information on Ingredients**

Ingredient	CAS No	Percent
Sodium Citrate	302-95-4	90 - 100%

**3. Hazards Identification****Potential Acute Health Effects:**

Hazardous in case of eye contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact(irritant).

**Potential Chronic Health Effects:**

Hazardous in case of eye contact (irritant), of ingestion, of inhalation.

Slightly hazardous in case of skin contact (irritant).CARCINOGENIC EFFECTS: Not available.MUTAGENIC EFFECTS: Not available.TERATOGENIC EFFECTS: Not available.DEVELOPMENTAL TOXICITY: Not available.

**4. First Aid Measures****Eye Contact:** Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention.**Skin Contact:**After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skinwith running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin.Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminatedclothing before reusing.**Serious Skin Contact:** Not available.**Inhalation:** Allow the victim to rest in a well ventilated area. Seek immediate medical attention.**Serious Inhalation:** Not available.**Ingestion:**Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is notbreathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.**Serious Ingestion:** Not available**5. Fire Fighting Measures****Flammability of the Product:** May be combustible at high temperature.**Auto-Ignition Temperature:** Not available.**Flash Points:** Not available.**Flammable Limits:** Not available.**Products of Combustion:** These products are carbon oxides (CO, CO2). Some metallic oxides.**Fire Hazards in Presence of Various Substances:** Not available.**Explosion Hazards in Presence of Various Substances:**Risks of explosion of the product in presence of mechanical impact: Not available.Risks of explosion of the product in presence of static discharge: Not available.**Fire Fighting Media and Instructions:**

SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

**6. Accidental Release Measures**

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**Small Spill:** Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. **Large Spill:** Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

#### 7. Handling and Storage

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible.

**Storage:** Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

#### 8. Exposure Controls/Personal Protection

**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit. **Personal Protection:** Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. **Personal Protection in Case of a Large Spill:** Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits:** Not available

#### 9. Physical and Chemical Properties

Physical state and appearance: Solid.

Odor: Not available.

Taste: Not available.

Molecular Weight: 414.56 g/mole

Color: Not available.

pH (1% soln/water): Not available.

#### 10. Stability and Reactivity

**Stability:** The product is stable. **Instability Temperature:** Not available.

**Conditions of Instability:** Not available.

**Incompatibility with various substances:** Not available.

**Corrosivity:** Non-corrosive in presence of glass.

**Special Remarks on Reactivity:** Not available.

**Special Remarks on Corrosivity:** Not available. **Polymerization:** No

#### 11. Toxicological Information

No LD50/LC50 information found relating to normal routes of occupational exposure.

---NTP Carcinogen---

Ingredient	Known	Anticipated	IARC Category
Sodium Deoxycholate	No	No	None

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**Environmental Fate:** No information found.  
**Environmental Toxicity:** No information found.

**13. Disposal Considerations**

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

**14. Transport Information**

Not regulated.

**15. Regulatory Information**

Federal and State Regulations: TSCA 8(b) inventory:

**SODIUM DEOXYCHOLATE**

Other Regulations: Not available..

Other Classifications:WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC): R36- Irritating to eyes.

**HMIS (U.S.A.):**

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

**National Fire Protection Association (U.S.A.):**

Health: 2

Flammability: 1

Reactivity: 0

Specific hazard:Protective Equipment:Gloves.Lab coat.

Dust respirator. Be sure to use anapproved/certified respirator orequivalent.Splash goggles

**16. Other Information**

**NFPA Ratings:** Health: 2 Flammability: 1 Reactivity: 0  
**Label Hazard Warning:** WARNING! HARMFUL IF SWALLOWED OR

INHALED. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT.

**Label Precautions:** Avoid contact with eyes, skin and clothing.  
Avoid breathing dust.  
Use with adequate ventilation.  
Keep container closed.

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Wash thoroughly after handling.

**Label First Aid:** In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists. If inhaled, remove to fresh air. Get medical attention for any breathing difficulty.

**Product Use:** Laboratory Reagent.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

**DISCLAIMER:**

- **SUVCHEM** Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- **SUVCHEM** shall not be responsible for any damage resulting from handling or from contact with the above product.
- **SUVCHEM** provides the information contained herein in good faith but makes no representation 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.

**End of document**