

SAFETY DATA SHEET

Cat# AUR10269, Chenodeoxycholic acid Sodium Salt



Date: 9/01/2022

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY

1.1 Product identifiers

Product Name : Chenodeoxycholic acid Sodium Salt
Product Number : AUR10269
Manufacturer : Aurora Medbiochem
Address : 938 South Andreasen Drive, Suite E
Escondido, CA 92029 USA

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Emergency telephone

Emergency Phone # : +1-760-738-1508
Fax Phone # : +1-760-738-1530

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Product/ Chemical Name	Description	Safety Information	Concentration
Chenodeoxycholic acid Sodium Salt	White Solid	See below	100%

SECTION 3: HAZARDS IDENTIFICATION

Components	CAS Number	EC-No.	Molecular Weight	Chemical Formula
Chenodeoxycholic acid Sodium Salt	2646-38-0	627-685-4	414.55	C ₂₄ H ₃₉ NaO ₄

Emergency Overview:

Classification according to Regulation (EC) No 1272/2008

OSHA Hazards: No data available

GHS Classification: Acute toxicity, Oral (Category 3), H301

Reproductive toxicity (Category 2), H361d

GHS Label elements, including precautionary statements

Pictogram:



Signal word:

Danger

GHS Hazard statement(s):

H301 Toxic if swallowed.

H361d Suspected of damaging the unborn child.

GHS Precautionary statement(s):

P202 Do not handle until all safety precautions have been read and understood.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

GHS Response Phrases: P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

P308 + P313 IF exposed or concerned: Get medical advice/ attention

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P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P308+313: IF exposed or concerned: Get medical attention/advice.

P330: Rinse mouth.

P391: Collect spillage.

GHS Response Phrases:

HMIS Classification

Health hazard: 3

Chronic Health Hazard: 0

Flammability: 0

Physical hazards: 0

NFPA Rating

Health Hazard:

Fire: 0

Reactivity Hazard: 0

Potential Health Effects

Inhalation: May be fatal if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Eyes: May cause eye irritation.

Ingestion: May be harmful if swallowed

SECTION 4: FIRST AID MEASURES

Description of first-aid measures

General advice

Show this material safety data sheet to the doctor in attendance.

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact: Wash off with soap and plenty of water.

In case of eye contact: Flush eyes with water as a precaution.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 11)

Indication of any immediate medical attention and special treatment needed No data available.

SECTION 5: FIREFIGHTING MEASURE

Condition of flammability: Not flammable or combustible.

Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

Special hazards arising from the substance or mixture

Hazardous combustion products formed under fire conditions— carbon oxides, nitrogen oxides.

Advice for firefighters

Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

Further information

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Remove container from danger zone and cool with water. Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Keep away from heat and sources of ignition.

Evacuate the danger area, observe emergency procedures, consult an expert.

Environmental precautions: Do not let product enter drains.

Methods for cleaning up: Sweep up and shovel. Keep in suitable, closed containers for disposal

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

Advice on protection against fire and explosion

Keep away from open flames, hot surfaces, and sources of ignition. precautionary measures against static discharge.

Conditions for safe storage, including any incompatibilities

Storage conditions

Keep container tightly closed in a dry and well-ventilated place.

Recommended storage temperature : RT. Protect from moisture

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection:

Respiratory protection is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection:

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection:

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin and body protection:

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures: General industrial hygiene practice.

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Control of environmental exposure

Do not let product enter drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Chenodeoxycholic acid Sodium Salt
Appearance:	White solid
pH:	No data available
Water Solubility:	>20 mg/ml
Other Solubility:	No data available
Boiling Point (°C):	No data available
Melting Point (°C):	No data available
Flash Point (°C):	No data available
Ignition Temperature (°C):	No data available
Density:	No data available

SECTION 10: STABILITY AND REACTIVITY

Property	Chenodeoxycholic acid Sodium Salt
Chemical stability	Stable under recommended storage conditions
Conditions to avoid:	Protect from moisture
Materials to avoid:	Strong oxidizing agents
Hazardous decomposition products:	Carbon oxides, Sodium oxides

SECTION 11: TOXICOLOGICAL INFORMATION

Chenodeoxycholic acid Sodium Salt

Information on Toxicological Effects: Acute toxicity

Acute toxicity estimate Oral - 100,1 mg/kg

(Expert judgment)

Acute toxicity estimate Oral - 100,1 mg/kg

(Expert judgment)

Inhalation: No data available

Dermal: No data available

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

Suspected of damaging the unborn child.

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

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No data available

Aspiration hazard

No data available

SECTION 12: ECOLOGICAL INFORMATION

Chenodeoxycholic acid Sodium Salt:

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Other adverse effects: no data available

SECTION 13: DISPOSAL CONSIDERATION

Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging: Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

UN number

ADR/RID: 2811

IMDG: 2811

IATA: 2811

UN proper shipping name

ADR/RID: TOXIC SOLID, ORGANIC, N.O.S. (3 α ,7 α -Dihydroxy-5 β -cholan-24-oic acid sodium salt)

IMDG: TOXIC SOLID, ORGANIC, N.O.S. (3 α ,7 α -Dihydroxy-5 β -cholan-24-oic acid sodium salt)

IATA: Toxic solid, organic, n.o.s. (3 α ,7 α -Dihydroxy-5 β -cholan-24-oic acid sodium salt)

Passenger Aircraft: Not permitted for transport

Cargo Aircraft: Not permitted for transport

Transport hazard class(es)

ADR/RID: 6.1

IMDG: 6.1

IATA: 6.1

Packaging group

ADR/RID: III

IMDG: III

IATA: III

Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

Special precautions for user

No data available

SECTION 15: REGULATORY INFORMATION

Chenodeoxycholic acid Sodium Salt

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

OSHA Hazards: ACUTE TOXIC

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SARA 302 Components: SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards: Acute Health Hazard

Massachusetts Right To Know Components: No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components: Chenodeoxycholic acid Sodium Salt, CAS-No. 2646-38-0

New Jersey Right To Know Components: Chenodeoxycholic acid Sodium Salt, CAS-No. 2646-38-0

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

EU regulations

Component	Risk Phrases	Safety Phrases
Chenodeoxycholic acid Sodium Salt	R28, R51, R53	S45, S53

SECTION 16: OTHER INFORMATION

DISCLAIMER:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product regarding appropriate safety precautions. It does not represent any guarantee of the properties of the product. Aurora Medbiochem Co. shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.