

# Material Safety Data Sheet

## 1. Product and Company Identification

Product Name: Chenodeoxycholic acid

Synonyms: -

Manufacturer & Distributor

Company Name: Tianjin NWS Biotechnology and Medicine Co.Ltd.

Address: A3 Building, Dongli Aviation Business District, No.12, Pingying Road, Dongli District, Tianjin, P.R.China, 300300

City: Tianjin

Postal Code: 300300

Country: China

Business/Emergency

Phone: 86-022-58602231

Fax: 86-022-58602232

URL: <http://www.nwsbio.com>

## 2. Hazards Identification

Emergency Overview: Possible risk of harm to the unborn child.

Potential Health Effects

Eye: May cause eye irritation

Skin: May cause skin irritation

Ingestion: The toxicological properties of this substance have not been fully investigated. May be harmful if swallowed.

Inhalation: May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

Chronic: Chronic ingestion may cause liver damage. Prolonged or repeated exposure may cause adverse reproductive effects.

## 3. Composition/Information on Ingredients

Chemical Name: Chenodeoxycholic acid

Molecular Formula: C<sub>24</sub>H<sub>40</sub>O<sub>4</sub>

Molecular Weight: 392.57

Content: 98%

CAS Number: 474-25-9

EINECS NO. [EC No]: 207-481-8

## 4. First Aid Measures

Eye: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: Get medical aid. Wash mouth out with water

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

## 5. Fire Fighting Measures

General Information: wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear

Extinguishing: Use water spray, dry chemical, carbon dioxide, or chemical foam

#### 6. Accidental Release Measures

General Information: Use proper personal protective equipment as listed in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container

#### 7. Handling and Storage

Handling: Refer to section 8

Storage: 1. Keep in a cool, dry place

2. Keep container tightly closed

#### 8. Exposure Controls/Personal Protection

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower facility.

Personal Protective Equipment

Eyes: Wear chemical safety goggles.

Skin: Wear appropriate protective gloves.

Clothing: Wear appropriate protective clothing.

Respirators: Wear NIOSH/MSHA - approved respirator

#### 9. Physical and Chemical Properties

Physical State: Powder

Color: white

Odor: -

Boiling Point: -

Melting Point : 165-167

Vapor Pressure : -

Specific Gravity : -

PH: -

Solubility in Water : practically insoluble in benzene and pet

Flash Point: -

Autoignition Temperature : -

Decomposition Temperature : -

#### 10. Stability and Reactivity

Chemical Stability: -

Conditions to Avoid: Incompatible materials, dust generation

Incompatibilities with Other: Strong oxidizing agents

Hazardous Decomposition

Products : Carbon monoxide, carbon dioxide

Polymerization : -

#### 11. Toxicological Information

RTECS#: CAS# 474-25-9: FZ1980000

Toxicity Data[LD50/LC50]: CAS# 474-25-9: Oral, mouse: LD50 = >2 gm/kg; Oral, rat: LD50 = 4 gm/kg.

Carcinogenicity: -

Other: See actual entry in RTECS for complete information

## 12. Ecological Information

Ecotoxicity: -

Other: -

## 13. Disposal Considerations

Disposal considerations: Contact a licensed professional waste disposal service to dispose of this material in a manner consistent with federal, state and local environmental regulations

## 14. Transport Information

Shipping Name: -

Hazard Class: -

UN Number: -

Packing Group: -

## 15. Regulatory Information

European/International

Regulations: -

European Labeling in Accordance with EC Directives

Hazard Symbols: 1.Xn

R-Phrases: 1.Possible risk of harm to the unborn child.

S-Phrases: 1.Wear suitable protective clothing.

2.Wear suitable gloves.

3.In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

WGK(Water Danger/Protection): -

US Federal TSCA: -