



# BILE ACID STANDARD 2 MIX (CONJUGATED) UNLABELED STANDARD

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 28/05/2020

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Version: 1.2

MSK-BA2-US-1

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

### 1.1. Product identifier

Product form : Mixtures  
Product name : BILE ACID STANDARD 2 MIX (CONJUGATED) UNLABELED STANDARD  
Product code : MSK-BA2-US-1

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

#### 1.2.1. Relevant identified uses

Main use category : Professional use  
Industrial/Professional use spec : For professional use only

#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

Cambridge Isotope Laboratories, Inc.  
50 Frontage Road  
Andover, MA 01810  
USA

USA: 1-800-322-1174 Int: 1-978-749-8000  
[cilsales@isotope.com](mailto:cilsales@isotope.com) [www.isotope.com](http://www.isotope.com)

### Emergency telephone number

Emergency numbers:

Chemtrec: 1-800-424-9300 (24 hours)  
International: 1-703-741-5970 (24 hours)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Irrit. 2 H315  
Eye Irrit. 2 H319  
STOT SE 3 H335

Full text of hazard classes and H-statements : see section 16

#### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Xi; R36/37/38

Full text of R-phrases: see section 16

#### GHS-US classification

Skin Irrit. 2 H315  
Eye Irrit. 2A H319  
STOT SE 3 H335

Full text of H statements : see section 16

#### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

#### Labeling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

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Signal word (CLP)	: Warning
Hazard statements (CLP)	: H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation
Precautionary statements (CLP)	: P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. P264 - Wash hands, forearms and face thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 - IF ON SKIN: Wash with plenty of water. 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 and easy to do. Continue rinsing. P312 - Call a POISON CENTER or doctor if you feel unwell.

### GHS-US labeling

Hazard pictograms (GHS-US)



GHS07

Signal word (GHS-US)	: Warning
Hazard statements (GHS-US)	: H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation
Precautionary statements (GHS-US)	: P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. P264 - Wash hands, forearms and face thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 - If on skin: Wash with plenty of water 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 and easy to do. Continue rinsing P312 - Call a poison center or doctor if you feel unwell P321 - Specific treatment (see supplemental first aid instruction on this label) P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P362 - Take off contaminated clothing and wash before reuse. P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Directive 67/548/EEC
TAURODEOXYCHOLIC ACID, SODIUM SALT HYDRATE UNLABELED	(CAS-No.) 207737-97-1 (EC-No.) (EC Index-No.)	10.9	Xi; R36/37/38
TAUROCHOLIC ACID, SODIUM SALT UNLABELED	(CAS-No.) 345909-26-4 (EC-No.) 205-653-7 (EC Index-No.)	10.86	Not classified
TAUROURSODEOXYCHOLIC ACID, DIHYDRATE UNLABELED	(CAS-No.) 14605-22-2 (Anhydrous) (EC-No.) (EC Index-No.)	10.82	Not classified
TAUROCHENODEOXYCHOLIC ACID SODIUM SALT UNLABELED	(CAS-No.) 6009-98-9	10.54	Not classified
TAUROLITHOCHOLIC ACID, SODIUM SALT UNLABELED	(CAS-No.) 6042-32-6	10.21	Not classified
GLYCOCHOLIC ACID HYDRATE UNLABELED	(CAS-No.) 1192657-83-2	9.77	Not classified
GLYCOCHENODEOXYCHOLIC ACID SODIUM SALT UNLABELED		9.53	Not classified

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Name	Product identifier	%	Classification according to Directive 67/548/EEC
GLYCODEOXYCHOLIC ACID SODIUM SALT UNLABELED	(CAS-No.) 16409-34-0 (EC-No.) 240-455-4	9.53	Not classified
GLYCOURSODEOXYCHOLIC ACID UNLABELED	(CAS-No.) 64480-66-6	9.08	Not classified
GLYCOLITHOCHOLIC ACID UNLABELED	(CAS-No.) 474-74-8 (Unlabeled)	8.76	Not classified

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
TAURODEOXYCHOLIC ACID, SODIUM SALT HYDRATE UNLABELED	(CAS-No.) 207737-97-1 (EC-No.) (EC Index-No.)	10.9	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
TAUROCHOLIC ACID, SODIUM SALT UNLABELED	(CAS-No.) 345909-26-4 (EC-No.) 205-653-7 (EC Index-No.)	10.86	Not classified
TAUROURSODEOXYCHOLIC ACID, DIHYDRATE UNLABELED	(CAS-No.) 14605-22-2 (Anhydrous) (EC-No.) (EC Index-No.)	10.82	Not classified
TAUROCHENODEOXYCHOLIC ACID SODIUM SALT UNLABELED	(CAS-No.) 6009-98-9	10.54	Not classified
TAUROLITHOCHOLIC ACID, SODIUM SALT UNLABELED	(CAS-No.) 6042-32-6	10.21	Not classified
GLYCOCHOLIC ACID HYDRATE UNLABELED	(CAS-No.) 1192657-83-2	9.77	Not classified
GLYCOCHENODEOXYCHOLIC ACID SODIUM SALT UNLABELED		9.53	Not classified
GLYCODEOXYCHOLIC ACID SODIUM SALT UNLABELED	(CAS-No.) 16409-34-0 (EC-No.) 240-455-4	9.53	Not classified
GLYCOURSODEOXYCHOLIC ACID UNLABELED	(CAS-No.) 64480-66-6	9.08	Not classified
GLYCOLITHOCHOLIC ACID UNLABELED	(CAS-No.) 474-74-8 (Unlabeled)	8.76	Not classified

Name	Product identifier	%	GHS-US classification
TAURODEOXYCHOLIC ACID, SODIUM SALT HYDRATE UNLABELED	(CAS-No.) 207737-97-1	10.9	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
TAUROCHOLIC ACID, SODIUM SALT UNLABELED	(CAS-No.) 345909-26-4	10.86	Not classified
TAUROURSODEOXYCHOLIC ACID, DIHYDRATE UNLABELED	(CAS-No.) 14605-22-2 (Anhydrous)	10.82	Not classified
TAUROCHENODEOXYCHOLIC ACID SODIUM SALT UNLABELED	(CAS-No.) 6009-98-9	10.54	Not classified
TAUROLITHOCHOLIC ACID, SODIUM SALT UNLABELED	(CAS-No.) 6042-32-6	10.21	Not classified
GLYCOCHOLIC ACID HYDRATE UNLABELED	(CAS-No.) 1192657-83-2	9.77	Not classified
GLYCOCHENODEOXYCHOLIC ACID SODIUM SALT UNLABELED		9.53	Not classified
GLYCODEOXYCHOLIC ACID SODIUM SALT UNLABELED	(CAS-No.) 16409-34-0	9.53	Not classified
GLYCOURSODEOXYCHOLIC ACID UNLABELED	(CAS-No.) 64480-66-6	9.08	Not classified
GLYCOLITHOCHOLIC ACID UNLABELED	(CAS-No.) 474-74-8 (Unlabeled)	8.76	Not classified

Full text of R- and H- phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
First-aid measures after inhalation	: If breathed in, move person to fresh air. If not breathing, give artificial respiration. Consult a physician.
First-aid measures after skin contact	: Wash with soap and plenty of water. Consult a physician.
First-aid measures after eye contact	: Flush eyes with water as a precaution.
First-aid measures after ingestion	: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: May be harmful if swallowed.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

#### 5.2. Special hazards arising from the substance or mixture

No additional information available

#### 5.3. Advice for firefighters

Firefighting instructions : Wear self contained breathing apparatus for fire fighting if necessary.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Emergency procedures : Use personal protective equipment as required. Avoid contact with skin and eyes. Evacuate danger area.

Measures in case of dust release : In case of dust production: keep upwind.

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Do not empty into drains; dispose of this material and its container in a safe way. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

#### 6.3. Methods and material for containment and cleaning up

For containment : Prevent further leakage or spillage if safe to do so.

Methods for cleaning up : Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. Use personal protective equipment as required. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Avoid creating or spreading dust. Clean contaminated surfaces with an excess of water. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Sweep up and shovel. Keep in suitable, closed containers for disposal.

#### 6.4. Reference to other sections

No additional information available

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Provide good ventilation in process area to prevent formation of vapor. Use personal protective equipment as required. Avoid breathing dust, mist or spray.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep container tightly closed in a cool, dry and well-ventilated place.

Storage conditions : Store in freezer (-20°C). Protect from light.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

Personal protective equipment : Gloves. Protective clothing. Protective goggles. Self-contained breathing apparatus.



Hand protection : Wear suitable protective clothing and gloves.

Eye protection : Wear safety glasses with side shields (or goggles) and a face shield.

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

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Respiratory protection : When appropriate, use NIOSH/CEN approved respirator.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

*The properties listed below are for the solvent, the main component of this mixture.*

Physical state	: Solid
Appearance	: Solid
Color	: White
Odor	: No data available
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosion limits	: No data available

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

See storage and expiration date on CoA.

#### 10.3. Possibility of hazardous reactions

No additional information available

#### 10.4. Conditions to avoid

Exposure to air or moisture over prolonged periods.

#### 10.5. Incompatible materials

Strong oxidizing agent.

#### 10.6. Hazardous decomposition products

Carbon oxides. Nitrogen oxides. Hydrogen sulfide.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

#### TAUROCHOLIC ACID, SODIUM SALT UNLABELED (345909-26-4)

LD50 oral rat	> 5000 mg/kg
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#### TAUROURSODEOXYCHOLIC ACID, DIHYDRATE UNLABELED (14605-22-2 (Anhydrous))

LD50 oral rat	> 5000 mg/kg
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Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: May cause respiratory irritation. Avoid repeated exposure.
Specific target organ toxicity – repeated exposure	: Not classified Avoid repeated exposure.
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.
Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: May be harmful if swallowed.

## SECTION 12: Ecological information

### 12.1. Toxicity

GLYCOCHOLIC ACID HYDRATE UNLABELED (1192657-83-2)	
LC50 fish 1	> 100 mg/l Oncorhynchus mykiss (rainbow trout) - 96 h
EC50 other aquatic organisms 1	> 100 mg/l Daphnia magna (Water flea) - 96 h
ErC50 (algae)	> 100 mg/l Desmodesmus subspicatus (green algae) - 72 h

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

Other adverse effects : May cause long lasting harmful effects to aquatic life.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste)	: Waste materials should be disposed of under conditions which meet Federal, State, and local environmental control regulations.
Product/Packaging disposal recommendations	: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.
Ecology - waste materials	: Dispose of as unused product.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

Not applicable

### 14.2. UN proper shipping name

Not applicable

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### 14.3. Additional information

Other information : No supplementary information available.  
Special transport precautions : Not dangerous goods.

### Overland transport

No additional information available

### Transport by sea

No additional information available

### Air transport

No additional information available

### 14.4. Environmental hazards

Other information : No supplementary information available.

### 14.5. Special precautions for user

Special transport precautions : Not dangerous goods.

### 14.6. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### BILE ACID STANDARD 2 MIX (CONJUGATED) UNLABELED STANDARD

SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.

#### GLYCOCHENODEOXYCHOLIC ACID SODIUM SALT UNLABELED

SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.

#### GLYCOCHOLIC ACID HYDRATE UNLABELED (1192657-83-2)

SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313

#### GLYCODEOXYCHOLIC ACID SODIUM SALT UNLABELED (16409-34-0)

SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313

#### GLYCOLITHOCHOLIC ACID UNLABELED (474-74-8 (Unlabeled))

SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313

#### TAUROCHENODEOXYCHOLIC ACID SODIUM SALT UNLABELED (6009-98-9)

SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313

#### TAUROCHOLIC ACID, SODIUM SALT UNLABELED (345909-26-4)

SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313

#### TAURODEOXYCHOLIC ACID, SODIUM SALT HYDRATE UNLABELED (207737-97-1)

SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313



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TAUROLITHOCHOLIC ACID, SODIUM SALT UNLABELED (6042-32-6)	
SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313

TAUOURSODEOXYCHOLIC ACID, DIHYDRATE UNLABELED (14605-22-2 (Anhydrous))	
SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313

### 15.2. International regulations

#### CANADA

BILE ACID STANDARD 2 MIX (CONJUGATED) UNLABELED STANDARD
Listed on the Canadian DSL (Domestic Substances List)

#### 15.2.1. National regulations

No additional information available

### 15.3. US State regulations

BILE ACID STANDARD 2 MIX (CONJUGATED) UNLABELED STANDARD()	
U.S. - California - Proposition 65 - Carcinogens List	No
U.S. - California - Proposition 65 - Developmental Toxicity	No
U.S. - California - Proposition 65 - Reproductive Toxicity - Female	No
U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No
State or local regulations	U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List

GLYCOCHENODEOXYCHOLIC ACID SODIUM SALT UNLABELED				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

GLYCOCHOLIC ACID HYDRATE UNLABELED (1192657-83-2)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

GLYCODEOXYCHOLIC ACID SODIUM SALT UNLABELED (16409-34-0)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

GLYCOLITHOCHOLIC ACID UNLABELED (474-74-8 (Unlabeled))				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

GLYCOURSODEOXYCHOLIC ACID UNLABELED (64480-66-6)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	



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<b>TAUROCHENODEOXYCHOLIC ACID SODIUM SALT UNLABELED (6009-98-9)</b>				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
<b>TAUROCHOLIC ACID, SODIUM SALT UNLABELED (345909-26-4)</b>				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
<b>TAURODEOXYCHOLIC ACID, SODIUM SALT HYDRATE UNLABELED (207737-97-1)</b>				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
<b>TAUROLITHOCHOLIC ACID, SODIUM SALT UNLABELED (6042-32-6)</b>				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
<b>TAUOURSODEOXYCHOLIC ACID, DIHYDRATE UNLABELED (14605-22-2 (Anhydrous))</b>				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
<b>GLYCOCHENODEOXYCHOLIC ACID SODIUM SALT UNLABELED</b>				
<b>State or local regulations</b>				
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List				
<b>GLYCOCHOLIC ACID HYDRATE UNLABELED (1192657-83-2)</b>				
<b>State or local regulations</b>				
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List				
<b>GLYCODEOXYCHOLIC ACID SODIUM SALT UNLABELED (16409-34-0)</b>				
<b>State or local regulations</b>				
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List				
<b>GLYCOLITHOCHOLIC ACID UNLABELED (474-74-8 (Unlabeled))</b>				
<b>State or local regulations</b>				
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List				
<b>GLYCOURSODEOXYCHOLIC ACID UNLABELED (64480-66-6)</b>				
<b>State or local regulations</b>				
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List				
<b>TAUROCHENODEOXYCHOLIC ACID SODIUM SALT UNLABELED (6009-98-9)</b>				
<b>State or local regulations</b>				
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List				

# BILE ACID STANDARD 2 MIX (CONJUGATED) UNLABELED STANDARD

MSK-BA2-US-1

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<b>TAUROCHOLIC ACID, SODIUM SALT UNLABELED (345909-26-4)</b>
<b>State or local regulations</b>
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List
<b>TAURODEOXYCHOLIC ACID, SODIUM SALT HYDRATE UNLABELED (207737-97-1)</b>
<b>State or local regulations</b>
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
<b>TAUROLITHOCHOLIC ACID, SODIUM SALT UNLABELED (6042-32-6)</b>
<b>State or local regulations</b>
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List
<b>TAUOURSODEOXYCHOLIC ACID, DIHYDRATE UNLABELED (14605-22-2 (Anhydrous))</b>
<b>State or local regulations</b>
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List

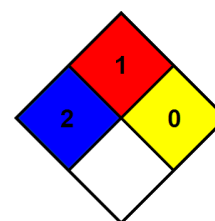
## SECTION 16: Other information

Other information : This product is not radioactive. The data given for this product are those of the corresponding unlabeled compound, unless specifically indicated otherwise. Health and safety data for labeled compounds are generally not available, but are assumed to be similar or identical to the corresponding unlabeled compound.

Full text of R-, H- and EUH-phrases:

Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
R36/37/38	Irritating to eyes, respiratory system and skin
Xi	Irritant

NFPA health hazard : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.  
NFPA fire hazard : 1 - Materials that must be preheated before ignition can occur.  
NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



### Hazard Rating

Health : 2 Moderate Hazard - Temporary or minor injury may occur  
Flammability : 1 Slight Hazard  
Physical : 0 Minimal Hazard

CIL Mixture SDS

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*