

SAFETY DATA SHEET

Version 6.1
Revision Date 02/28/2020
Print Date 03/03/2021**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifiers**Product name : Bile Acid/Carnitine/Sterol Metabolite Library
of StandardsProduct Number : BACSMLS
Brand : Sigma**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheetCompany : Sigma-Aldrich Inc.
3050 Spruce Street
ST. LOUIS MO 63103
UNITED STATESTelephone : +1 314 771-5765
Fax : +1 800 325-5052**1.4 Emergency telephone number**Emergency Phone # : 800-424-9300 CHEMTREC (USA) +1-703-
527-3887 CHEMTREC (International) 24
Hours/day; 7 Days/week

This is a summary MSDS for a kit, for the full MSDS for each of the components listed in section 16 please visit our website.

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**Acute toxicity, Oral (Category 1), H300
Acute toxicity, Inhalation (Category 1), H330
Acute toxicity, Dermal (Category 2), H310
Skin irritation (Category 2), H315
Eye irritation (Category 2A), H319
Reproductive toxicity (Category 2), H361
Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335
Short-term (acute) aquatic hazard (Category 3), H402
Long-term (chronic) aquatic hazard (Category 3), H412

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H300 + H310 + H330

Fatal if swallowed, in contact with skin or if inhaled.

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H335

May cause respiratory irritation.

H361

Suspected of damaging fertility or the unborn child.

H412

Harmful to aquatic life with long lasting effects.

Precautionary statement(s)

P201

Obtain special instructions before use.

P202

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

P260

Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P262

Do not get in eyes, on skin, or on clothing.

P264

Wash skin thoroughly after handling.

P270

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

P271

Use only outdoors or in a well-ventilated area.

P273

Avoid release to the environment.

P280

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

P284

Wear respiratory protection.

P301 + P310 + P330

IF SWALLOWED: Immediately call a POISON CENTER/doctor. Rinse mouth.

P302 + P350 + P310

IF ON SKIN: Gently wash with plenty of soap and water. Immediately call a POISON CENTER or doctor/ physician.

P302 + P352

IF ON SKIN: Wash with plenty of soap and water.

P304 + P340 + P310

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P313

IF exposed or concerned: Get medical advice/ attention.

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 an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

SECTION 3: Composition/information on ingredients

Refer to component MSDS

SECTION 4: First aid measures

Refer to component MSDS

SECTION 5: Firefighting measures

Refer to component MSDS

SECTION 6: Accidental release measures

Refer to component MSDS

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage temperature -20 °C

Storage class (TRGS 510): 6.1A: Combustible, acute toxic Cat. 1 and 2 / very toxic hazardous materials

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

Refer to component MSDS

SECTION 9: Physical and chemical properties

Refer to component MSDS

SECTION 10: Stability and reactivity

Refer to component MSDS

SECTION 11: Toxicological information

Refer to component MSDS

SECTION 12: Ecological information

Refer to component MSDS

SECTION 13: Disposal considerations

Refer to component MSDS

SECTION 14: Transport information**DOT (US)**

UN number: 2811 Class: 6.1 Packing group: I
Proper shipping name: Toxic solids, organic, n.o.s. (DIGOXIGENIN)
Reportable Quantity (RQ):
Poison Inhalation Hazard: No

IMDG

UN number: 2811 Class: 6.1 Packing group: I EMS-No: F-A, S-A
Proper shipping name: TOXIC SOLID, ORGANIC, N.O.S. (DIGOXIGENIN)

IATA

UN number: 2811 Class: 6.1 Packing group: I
Proper shipping name: Toxic solid, organic, n.o.s. (DIGOXIGENIN)
IATA Passenger: Not permitted for transport

SECTION 15: Regulatory information**Massachusetts Right To Know Components**

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

CAS-No.	Revision Date
481-21-0	
434-16-2	
516-92-7	
83-44-3	
474-67-9	
3862-25-7	
566-27-8	
2464-18-8	
512-04-9	
115538-85-7	

16564-43-5
345909-26-4
53-06-5
57-88-5
360-68-9
566-28-9
1250-95-9
2393-59-1
604-35-3
601-34-3
604-33-1
303-43-5
35602-69-8
61510-09-6
313-04-2
80-99-9
80-97-7
1672-46-4
474-25-9
57-87-4
474-62-4
474-73-7
81-25-4
83-48-7
83-46-5
79-63-0
2504-11-2

256928-75-3
910825-21-7
22671-29-0
1553-56-6
4651-67-6
83-49-8
81-23-2
2393-58-0
24404-83-9
64480-66-6
1192657-83-2
-
50-22-6
434-13-9
53608-86-9
668-49-5
2140-46-7
-
547-75-1
547-98-8
6042-32-6
1180-95-6
145022-92-0
25576-40-3
102636-83-9
3025-30-7
3992-45-8
1631992-06-7

25518-54-1
128-13-2
20380-11-4
2955-27-3
35807-85-3
36816-11-2
-
6645-46-1
25518-49-4
31023-24-2
102636-82-8
1469900-99-9
20064-19-1
2364-67-2
566-26-7
1469901-03-8
36816-10-1
13042-33-6
6009-98-9
20064-19-1
64681-36-3
40225-14-7
-
152064-94-3
25243-95-2
102673-95-0
-

25597-07-3

-

25597-09-5

360-65-6

SECTION 16: Other information**Kit Components:**

5?-Cholestane

7-dehydrocholesterol

Epicoprostanol

Deoxycholic acid

Acute Tox. 4; H302

Brassicasterol

7?-Hydroxy-4-cholesten-3-one

7?-Hydroxycholesterol

Allocholic Acid

Diosgenin

7-Hydroxy-3-oxo-

Cholest-4-en-26-oic Acid

Sodium

glycochenodeoxycholate

Taurocholic acid sodium

salt hydrate

Cortisone

Repr. 2; H361

Cholesterol

Coprostan-3-ol

5-Cholesten-3?-ol-7-one

Cholesterol 5?,6?-

epoxide

?-Muricholic Acid

Cholesteryl acetate

Cholesteryl palmitate

Cholesteryl linoleate

Cholesteryl oleate

Cholesteryl stearate

Cholesteryl behenate

Desmosterol

5?-Cholest-7-en-3?-ol

5?-Cholestan-3?-ol

Digoxigenin

Acute Tox. 1; Acute Tox. 2;

H300 + H310 + H330

Skin Irrit. 2; Eye Irrit. 2A; H315,

H319

Aquatic Chronic 4; H413

Chenodeoxycholic acid

Ergosterol

Campesterol

24(S)-

Hydroxycholesterol

Cholic acid

Skin Irrit. 2; Eye Irrit. 2A; H315,

H319

Stigmasterol
?-Sitosterol
Lanosterol
Acetyl-DL-carnitine
hydrochloride
2-Methylbutyryl-L-
carnitine
Malonyl-L-carnitine
Hexanoyl-L-carnitine
3-Oxo-5?-cholanoic Acid
Nutriacholic Acid
Hyodeoxycholic acid
Dehydrocholic acid
?-Muricholic Acid
Glycolithocholic Acid
sodium salt
Glycoursodeoxycholic
acid
Glycocholic acid hydrate
3-
Hydroxybutyrylcarnitine
Chloride
Corticosterone
Lithocholic acid
Nor-Desoxycholic Acid
Murideoxycholic Acid
25-Hydroxycholesterol
(3ALPHA,5BETA,7ALPHA)
-3,7-DIHYDROXY-12-
OXOCHOLAN-24-OIC
ACID
Hyochoolic acid
3?,7?,12?-
Trihydroxycoprostanic
Acid
Sodium tauroolithocholate
Taurodeoxycholic Acid
(sodium salt)
Tauro-?-muricholic Acid
(sodium salt)
Butyryl-L-carnitine
Adipoyl-L-carnitine
Ethyl 2-trans-4-cis-
decadienoate
Decanoyl-L-carnitine
trans-2-Dodecenoyl-L-
carnitine
Lauroyl-L-carnitine
Ursodeoxycholic acid
27-hydroxycholesterol
Ursocholic Acid
Sodium
tauroursodeoxycholate
Arachidonyl-L-carnitine

Eye Irrit. 2A; H319

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

Skin Irrit. 2; Aquatic Acute 3;
Aquatic Chronic 3; H315, H412

Tauro-?-muricholic acid
sodium salt
L-Carnitine hydrochloride
Isobutyryl-L-carnitine
Isovaleryl-L-carnitine
Glutaryl-L-carnitine
lithium salt
[(3R)-3-
Hydroxydodecanoyl]-L-
carnitine
Propionyl-L-carnitine
Palmitoyl-L-carnitine

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

7?-Hydroxy Cholesterol
[(3R)-3-
Hydroxyhexadecanoyl]-
L-carnitine
cis,cis-9,12-
Octadecadienoyl-L-
carnitine
Glycohyodeoxycholic
Acid
Sodium
taurochenodeoxycholate
Propionyl-L-carnitine
Tigloyl-L-carnitine
Valeryl-L-carnitine
O-Succinyl-L-carnitine
lithium salt
trans-2-Octenoyl-L-
carnitine
Octanoyl-L-carnitine
3-Methylglutaryl carnitine
trans-2-Tetradecenoyl-L-
carnitine
Myristoyl-L-carnitine
Oleoyl-L-carnitine
Stearoyl-L-carnitine
Glycodeoxycholic acid
sodium salt

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

Further information

Copyright 2020 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.

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 with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Copyright 2020 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.

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 with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

The branding on the header and/or footer of this document may temporarily not visually match the product purchased as we transition our branding. However, all of the information in the document regarding the product remains unchanged and matches the product ordered. For further information please contact mlsbranding@sial.com.

Version: 6.1

Revision Date: 02/28/2020


Print Date: 03/03/2021

Kit Components:

5?-Cholestane					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

7-dehydrocholesterol					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Epicoprostanol					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Deoxycholic acid					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
		Warning	Harmful if swallowed.	Wash skin thoroughly after handling. IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. Dispose of contents/ container to an approved waste disposal plant. Do not eat, drink or smoke when using this product.	

Brassicasterol					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous

					substance or mixture.
--	--	--	--	--	-----------------------

7?-Hydroxy-4-cholesten-3-one

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

7?-Hydroxycholesterol

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Allocholic Acid

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Diosgenin

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

7-Hydroxy-3-oxo-Cholest-4-en-26-oic Acid


Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Sodium glycochenodeoxycholate

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Taurocholic acid sodium salt hydrate

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Cortisone					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
		Warning	Suspected of damaging fertility or the unborn child.	Obtain special instructions before use. IF exposed or concerned: Get medical advice/ attention. Store locked up. Dispose of contents/ container to an approved waste disposal plant. Do not handle until all safety precautions have been read and understood. Wear protective gloves/ protective clothing/ eye protection/ face protection.	

Cholesterol					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Coprostan-3-ol					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

5-Cholesten-3?-ol-7-one					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Cholesterol 5?,6?-epoxide					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or

					mixture.
--	--	--	--	--	----------

?-Muricholic Acid

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Cholesteryl acetate

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Cholesteryl palmitate

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Cholesteryl linoleate

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Cholesteryl oleate

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Cholesteryl stearate

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.


Cholesteryl behenate

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.


Desmosterol					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

5?-Cholest-7-en-3?-ol					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

5?-Cholestan-3?-ol					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Digoxigenin					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
		Danger	Fatal if swallowed, in contact with skin or if inhaled.	Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. IF SWALLOWED: Immediately call a POISON CENTER/doctor. Rinse mouth. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/ container to an approved waste disposal plant. Do not get in eyes, on skin, or on clothing. IF ON SKIN: Gently wash with plenty of soap and water. Immediately call a POISON CENTER or doctor/ physician. Store	

				<p>locked up. Wash skin thoroughly after handling. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Use only outdoors or in a well-ventilated area. Wear protective gloves/ protective clothing. Wear respiratory protection.</p>	
--	--	--	--	--	--


Chenodeoxycholic acid					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
		Warning	Causes skin irritation. Causes serious eye irritation.	Wash skin thoroughly after handling. IF ON SKIN: Wash with plenty of soap and water. Wear protective gloves/ eye protection/ face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation	

				occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash before reuse.	
--	--	--	--	---	--

Ergosterol					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
			May cause long lasting harmful effects to aquatic life.	Avoid release to the environment. Dispose of contents/ container to an approved waste disposal plant.	

Campesterol					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

24(S)-Hydroxycholesterol					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Cholic acid					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
		Warning	Causes skin irritation. Causes serious eye irritation.	Wash skin thoroughly after handling. IF ON SKIN: Wash with plenty of soap and water. Wear protective gloves/ eye protection/ face protection. IF IN EYES: Rinse cautiously with	

				water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse.	
--	--	--	--	---	--

Stigmasterol

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

?-Sitosterol

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Lanosterol

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Acetyl-DL-carnitine hydrochloride


Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

2-Methylbutyryl-L-carnitine

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous

					substance or mixture.
--	--	--	--	--	-----------------------

Malonyl-L-carnitine

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
		Warning	Causes serious eye irritation.	Wash skin thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wear eye protection/ face protection. If eye irritation persists: Get medical advice/ attention.	

Hexanoyl-L-carnitine

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

3-Oxo-5?-cholanoic Acid

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Nutriacholic Acid

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Hydoxycholic acid

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Dehydrocholic acid					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

?-Muricholic Acid					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Glycolithocholic Acid sodium salt					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Glycoursodeoxycholic acid					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Glycocholic acid hydrate					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

3-Hydroxybutyrylcarnitine Chloride					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Corticosterone					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Lithocholic acid					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous

					substance or mixture.
--	--	--	--	--	-----------------------

Nor-Desoxycholic Acid

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.


Murideoxycholic Acid

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

25-Hydroxycholesterol

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

(3ALPHA,5BETA,7ALPHA)-3,7-DIHYDROXY-12-OXOCHOLAN-24-OIC ACID

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
		Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. IF ON SKIN: Wash with plenty of soap and water. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/ container to an approved waste disposal plant. Wash skin thoroughly after handling. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON	

				<p>CENTER/doctor if you feel unwell. Store locked up. Use only outdoors or in a well-ventilated area.</p> <p>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wear protective gloves/ eye protection/ face protection. If skin irritation occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash before reuse.</p>	
--	--	--	--	---	--

Hyocholic acid					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

3?,7?,12?-Trihydroxycoprostanic Acid					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Sodium tauroolithocholate					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or

					mixture.
--	--	--	--	--	----------

Taurodeoxycholic Acid (sodium salt)

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Tauro-?-muricholic Acid (sodium salt)

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.


Butyryl-L-carnitine

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Adipoyl-L-carnitine

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Ethyl 2-trans-4-cis-decadienoate

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
		Warning	Causes skin irritation. Harmful to aquatic life with long lasting effects.	Wash skin thoroughly after handling. IF ON SKIN: Wash with plenty of soap and water. Dispose of contents/ container to an approved waste disposal plant. Avoid release to the environment. If skin irritation occurs: Get medical advice/ attention. Wear protective gloves. Take off contaminated	

				clothing and wash before reuse.	
--	--	--	--	---------------------------------	--

Decanoyl-L-carnitine

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

trans-2-Dodecenoyl-L-carnitine

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Lauroyl-L-carnitine

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Ursodeoxycholic acid

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

27-hydroxycholesterol

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Ursocholic Acid

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Sodium tauroursodeoxycholate

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Arachidonyl-L-carnitine					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Tauro-?-muricholic acid sodium salt					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

L-Carnitine hydrochloride					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Isobutyryl-L-carnitine					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.


Isovaleryl-L-carnitine					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Glutaryl-L-carnitine lithium salt					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

[(3R)-3-Hydroxydodecanoyl]-L-carnitine					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Propionyl-L-carnitine					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous

					substance or mixture.
--	--	--	--	--	-----------------------

Palmitoyl-L-carnitine					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
		Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. IF ON SKIN: Wash with plenty of soap and water. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/ container to an approved waste disposal plant. Wash skin thoroughly after handling. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. Store locked up. Use only outdoors or in a well-ventilated area. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wear protective gloves/ eye protection/ face protection. If skin irritation	

				occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse.	
--	--	--	--	---	--

7?-Hydroxy Cholesterol					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

[(3R)-3-Hydroxyhexadecanoyl]-L-carnitine					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

cis,cis-9,12-Octadecadienoyl-L-carnitine					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Glycohyodeoxycholic Acid					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Sodium taurochenodeoxycholate					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Propionyl-L-carnitine					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Tigloyl-L-carnitine					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Valeryl-L-carnitine					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

O-Succinyl-L-carnitine lithium salt					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

trans-2-Octenoyl-L-carnitine					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Octanoyl-L-carnitine					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.


3-Methylglutaryl carnitine					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

trans-2-Tetradecenoyl-L-carnitine					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Myristoyl-L-carnitine					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Oleoyl-L-carnitine					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Stearoyl-L-carnitine					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
					Not a hazardous substance or mixture.

Glycodeoxycholic acid sodium salt					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
		Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. IF ON SKIN: Wash with plenty of soap and water. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/ container to an approved waste disposal plant. Wash skin thoroughly after handling. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. Store	

				<p>locked up. Use only outdoors or in a well-ventilated area.</p> <p>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wear protective gloves/ eye protection/ face protection. If skin irritation occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash before reuse.</p>	
--	--	--	--	--	--