Sigma-Aldrich

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

Version 8.5 Revision Date 27.11.2023 Print Date 30.03.2025 GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

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

1.1 Product identi	fiers
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_	Product name	:	Fatty Acid Metabolite Library of Standards
	Product Number Brand REACH No.	:	FAMLS Sigma This product is a mixture. REACH Registration Number see section 3.

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

Identified uses	:	Laboratory chemicals, Manufacture of substances
Uses advised against	:	For R&D use only. Not for pharmaceutical, household or other
		uses.

1.3 Details of the supplier of the safety data sheet

:

Company

1.4 Emergency telephone

Emergency Phone # : +(44)-870-8200418 (CHEMTREC (GB)) +(353)-19014670 (CHEMTREC Ireland) 001-803-017-9114 (CHEMTREC India)

This is a summary SDS for a kit. For the full SDS 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

Classification according to Regulation (EC) No 1272/2008

Flammable liquids (Category 3), H226 Corrosive to Metals (Category 1), H290 Acute toxicity, Oral (Category 4), H302 Acute toxicity, Inhalation (Category 4), H332 Acute toxicity, Dermal (Category 3), H311 Skin corrosion (Sub-category 1B), H314 Serious eye damage (Category 1), H318 Skin sensitization (Category 1), H317

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Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335 Long-term (chronic) aquatic hazard (Category 2), H411

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

2.2 Label elements

Labelling according Regu Pictogram	ulation (EC) No 1272/2008					
Signal Word	Danger					
Hazard Statements						
H226	Flammable liquid and vapor.					
H290	May be corrosive to metals.					
H302 + H332	Harmful if swallowed or if inhaled.					
H311	Toxic in contact with skin.					
H314	Causes severe skin burns and eye damage.					
H317 H335	May cause an allergic skin reaction.					
H335 H411	May cause respiratory irritation. Toxic to aquatic life with long lasting effects.					
	Toxic to aquatic life with long lasting effects.					
Precautionary Statements						
P210	Keep away from heat, hot surfaces, sparks, open flames and					
P273	other ignition sources. No smoking. Avoid release to the environment.					
P275 P280	Wear protective gloves/ protective clothing/ eye protection/ face					
1200	protection.					
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated					
	clothing. Rinse skin with 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.					
Supplemental Hazard	none					
Statements						
Reduced Labeling (<= 1	25 ml)					
Pictogram						
-						

Signal Word	Danger
Hazard Statements H311 H317 H314	Toxic in contact with skin. May cause an allergic skin reaction. Causes severe skin burns and eye damage.
Precautionary Statements P280	Wear protective gloves/ protective clothing/ eye protection/ for protection.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated

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gloves/ protective clothing/ eye protection/ face

P304 + P340 + P310	clothing. Rinse skin with water. 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.
Supplemental Hazard Statements	none

2.3 Other hazards - none

SECTION 3: Composition/information on ingredients

Refer to component SDS

SECTION 4: First aid measures

Refer to component SDS

SECTION 5: Firefighting measures

Refer to component SDS

SECTION 6: Accidental release measures

Refer to component SDS

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Work under hood. Do not inhale substance/mixture. Avoid generation of vapours/aerosols.

Advice on protection against fire and explosion

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

Hygiene measures

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Keep container tightly closed in a dry and well-ventilated place. Store in cool place. No metal containers.

Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition. Keep locked up or in an area accessible only to qualified or authorized persons.

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Storage stabilityRecommended storage temperature -20 °C

Storage class

Storage class (TRGS 510): 3: Flammable liquids

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 SDS

SECTION 9: Physical and chemical properties

Refer to component SDS

SECTION 10: Stability and reactivity

Refer to component SDS

SECTION 11: Toxicological information

Refer to component SDS

SECTION 12: Ecological information

Refer to component SDS

SECTION 13: Disposal considerations

Refer to component SDS

SECTION 14: Transport information

14.1 UN number ADR/RID: 3316

IMDG: 3316

IATA: 3316

14.2 UN proper shipping name ADR/RID: CHEMICAL KIT

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	IMDG: IATA:	CHEMICAL KIT Chemical kit		
14.3	Transpor ADR/RID:	t hazard class(es) 9	IMDG: 9	IATA: 9
14.4	Packagin ADR/RID:		IMDG: II	IATA: II
14.5	Environm ADR/RID:	no no	IMDG Marine pollutant: no	IATA: no
14.6	Special p	recautions for use	r	
	Further in	formation :	No data available	

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

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

Refer to component SDS

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

SECTION 16: Other information

Kit Components:

Mesaconic acid Myristoleic acid

12-Methyltridecanoic acid 2-Hydroxytetradecanoic acid Isopalmitic acid

14-Methylhexadecanoic acid 2-Hydroxyhexadecanoic acid Isostearic acid 17-Methylstearic acid

trans-11-Eicosenoic acid all-cis-4,7,10,13,16-Docosapentaenoic acid Heptacosanoic Acid Linolenic acid Oleic acid cis-8,11,14-Eicosatrienoic acid

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

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

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

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cis-11,14-Eicosadienoic acid Phytanic acid

Heneicosanoic acid Behenic acid Tricosanoic acid

Nervonic acid Lignoceric acid Pentacosanoic Acid Octacosanoic acid Valeric acid

cis-2-Decenoic acid

Undecanoic acid Tridecanoic acid

Myristic acid 15-Methylpalmitic acid

Sterculic acid cis-5,8,11,14,17-Eicosapentaenoic acid cis-11-Eicosenoic acid Arachidic acid Docosapentaenoic acid (cis-7,10,13,16,19) Melissic acid 2-Ethylacrylic acid 2-Methylbutyric acid

2-Methyl-4-pentenoic acid 2-Hydroxy-2methylbutyric acid 2-Ethyl-2-hydroxybutyric acid trans,trans-Muconic acid 2-Methylheptanoic acid

3,3-Dimethylglutaric acid cis-5-Dodecenoic acid

17-Octadecynoic acid 12-Methyltetradecanoic acid Conjugated (9Z,11E)-Linoleic acid trans-2-Methyl-2-

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

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

Skin Corr. 1B; Eye Dam. 1; Aquatic Chronic 3; H314, H412 Skin Irrit. 2; Eye Irrit. 2; Aquatic Chronic 3; H315, H319, H412

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

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

Skin Corr. 1B; H314 Met. Corr. 1; Acute Tox. 4; Skin Corr. 1B; Eye Dam. 1; H290, H302 + H312, H314 Acute Tox. 4; Skin Corr. 1B; Eye Dam. 1; H302, H314 Skin Irrit. 2; Eye Irrit. 2; STOT SE 3; H315, H319, H335 Skin Irrit. 2; Eye Irrit. 2; STOT SE 3; H315, H319, H335

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

Skin Corr. 1B; Eye Dam. 1; H314

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

Skin Irrit. 2; Eye Irrit. 2; STOT

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butenoic acid 2-Hydroxyhexanoic acid 2-Octenoic acid

10-Undecenoic acid

Lipoic acid, reduced

Traumatic acid Pentadecanoic acid Heptadecanoic acid Nonadecanoic acid Arachidonic acid 5(Z),8(Z),11(Z)-Eicosatrienoic Acid Docosahexaenoic Acid Isobutyric acid

(±)-3-Hydroxyoctanoic acid 9-Decenoic acid

Decanoic acid

10-HAD 10-Hydroxydecanoic acid Palmitoleic acid

Ximeninic Acid Linoleic acid Petroselinic acid cis-10-Nonadecenoic acid Tuberculostearic Acid Crotonic acid Hexanoic acid

Heptanoic acid

(S)-(?)-2-Hydroxyisocaproic acid Octanoic acid

Lauric acid Palmitic acid Stearidonic acid ?-Linolenic acid

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SE 3; H315, H319, H335

Skin Corr. 1B; Eye Dam. 1; H314 Skin Irrit. 2; Eye Irrit. 2; Aquatic Chronic 3; H315, H319, H412 Acute Tox. 4; Skin Irrit. 2; Eye Dam. 1; Skin Sens. 1; Aquatic Chronic 2; H302, H315, H317, H318, H411

Flam. Liq. 3; Acute Tox. 4; Acute Tox. 3; Skin Corr. 1B; Eye Dam. 1; H226, H302, H311, H314

Skin Irrit. 2; Eye Irrit. 2; STOT SE 3; H315, H319, H335 Skin Irrit. 2; Eye Irrit. 2; Aquatic Chronic 3; H315, H319, H412

Skin Irrit. 2; Eye Irrit. 2; STOT SE 3; Aquatic Chronic 4; H315, H319, H335, H413

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

Eye Dam. 1; H318 Skin Corr. 1C; Eye Dam. 1; H314 Acute Tox. 4; Skin Corr. 1B; Eye Dam. 1; STOT SE 3; H314, H332, H335

Skin Corr. 1C; Eye Dam. 1; Aquatic Chronic 3; H314, H412 Eye Dam. 1; H318

Skin Irrit. 2; Eye Irrit. 2; STOT Page 7 of 49



Stearic acid 13Z,16Z-docosadienoic acid Hexacosanoic acid Butyric acid

Isovaleric acid

trans-3-Hexenoic acid Nonanoic acid

Azelaic acid

9(Z),11(E),13(E)-Octadecatrienoic Acid trans-Vaccenic Acid

Ricinoleic acid Aleuritic acid cis-7,10,13,16-Docosatetraenoic acid Docosatrienoic Acid Erucic acid SE 3; H315, H319, H335

Acute Tox. 4; Skin Corr. 1B; Eye Dam. 1; H302, H314 Skin Corr. 1B; Eye Dam. 1; H314 Skin Corr. 1B; H314 Skin Irrit. 2; Eye Irrit. 2; H315, H319 Skin Irrit. 2; Eye Irrit. 2; Aquatic Chronic 3; H315, H319, H412

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

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

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Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM -American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS -Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx -Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIOC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS -Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Classification procedure:

Flam. Liq.3	H226	Calculation method
Met. Corr.1	H290	Calculation method
Acute Tox.4	H302	Calculation method
Acute Tox.4	H332	Calculation method
Acute Tox.3	H311	Calculation method
Skin Corr.1B	H314	Calculation method
Eye Dam.1	H318	Calculation method
Skin Sens.1	H317	Calculation method
STOT SE3	H335	Calculation method
Aquatic Chronic2	H411	Calculation method

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Further information

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Kit Components:

Mesaconic ac	id				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
					Not a hazardous
					substance or
					mixture
					according to
					Regulation (EC)
					No 1272/2008.

Myristoleic a	acid				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier	_	Word	Statements	Statements	information
		Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. IF ON SKIN: Wash with plenty of water. 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. Use only outdoors or in a well- ventilated area. Wear protective gloves/ eye protection/ face protection.	

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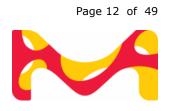
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12-Methyltr	idecanoic acid	I			
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Identifier		Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	StatementsAvoid breathingdust/ fume/gas/ mist/vapors/ spray.IF ON SKIN:Wash withplenty of water.Wash skinthoroughly afterhandling. IF INEYES: Rinsecautiously withwater forseveral minutes.Remove contactlenses, ifpresent andeasy to do.Continuerinsing. Useonly outdoors orin a well-ventilated area.Wear protectivegloves/ eyeprotection/ faceprotection.	

2-Hydroxytet	2-Hydroxytetradecanoic acid						
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information		
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.		

Isopalmitic 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/ vapors/ spray. IF ON SKIN: Wash with plenty of water.		



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. Use
only outdoors or
in a well-
ventilated area.
Wear protective
gloves/ eye
protection/ face
protection.

14-Methylhex	adecanoic a	cid			
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
		Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. IF ON SKIN: Wash with plenty of water. 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. Use only outdoors or in a well- ventilated area. Wear protective gloves/ eye protection/ face protection.	

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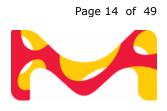


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2-Hydroxyhe	2-Hydroxyhexadecanoic acid						
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information		
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.		

Isostearic a	Isostearic acid						
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information		
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.		

17-Methylstearic acid						
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental	
identifier		Word	Statements	Statements	information	
		Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. IF ON SKIN: Wash with plenty of water. 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. Use only outdoors or in a well- ventilated area. Wear protective gloves/ eye protection/ face protection.		



trans-11-Eico	trans-11-Eicosenoic acid							
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information			
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.			

all-cis-4,7,1	all-cis-4,7,10,13,16-Docosapentaenoic acid						
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information		
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.		

Heptacosano	Heptacosanoic Acid						
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information		
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.		

Linolenic acid	Linolenic acid							
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental			
identifier		Word	Statements	Statements	information			
					Not a hazardous substance or mixture			
					according to Regulation (EC) No 1272/2008.			

Oleic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

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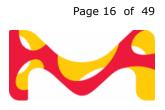


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cis-8,11,14-Ei	cis-8,11,14-Eicosatrienoic acid					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental	
identifier		Word	Statements	Statements	information	
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.	

cis-11,14-Eic	cis-11,14-Eicosadienoic acid					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental	
identifier		Word	Statements	Statements	information	
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.	

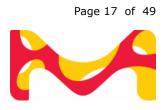
Phytanic aci	d				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier	_	Word	Statements	Statements	information
		Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. IF ON SKIN: Wash with plenty of water. 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. Use only outdoors or in a well- ventilated area. Wear protective gloves/ eye protection/ face protection.	



Heneicosanoi	Heneicosanoic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information	
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.	

Behenic acid					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

Tricosanoic a	cid				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
		Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. IF ON SKIN: Wash with plenty of water. 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. Use only outdoors or in a well- ventilated area. Wear protective gloves/ eye protection/ face protection.	



Nervonic acid					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
					Not a hazardous
					substance or
					mixture
					according to
					Regulation (EC)
					No 1272/2008.

Lignoceric ac	id				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

Pentacosan	Pentacosanoic Acid						
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental		
identifier		Word	Statements	Statements	information		
					Not a hazardous		
					substance or		
					mixture		
					according to		
					Regulation (EC)		
					No 1272/2008.		

Octacosanoic	Octacosanoic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information	
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.	

Valeric acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
	A REAL PROPERTY OF A REAL PROPER	Danger	Causes severe skin burns and eye damage. Harmful to aquatic life with long lasting effects.	Avoid release to the environment. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse	

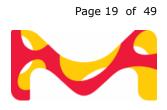
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alde with weatow
skin with water.
Wear protective
gloves/
protective
clothing/ eye
protection/ face
protection. IF
INHALED:
Remove person
to fresh air and
keep
comfortable for
breathing.
Immediately call
a POISON
CENTER/ doctor.
IF IN EYES:
Rinse cautiously
with water for
several minutes.
Remove contact
lenses, if
present and
easy to do.
Continue
rinsing. Wash
contaminated
clothing before
reuse.

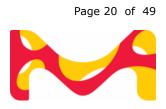
cis-2-Decenoic acid							
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information		
		Warning	Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.	Wash skin thoroughly after handling. IF ON SKIN: Wash with plenty of water. Avoid release to the environment. 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.

Undecanoic acid							
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental		
identifier		Word	Statements	Statements	information		
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.		

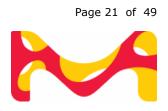
Tridecanoic acid							
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental		
identifier		Word	Statements	Statements	information		
		Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. IF ON SKIN: Wash with plenty of water. 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. Use only outdoors or in a well- ventilated area. Wear protective gloves/ eye protection/ face protection.			



Myristic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

15-Methylpalmitic acid							
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental		
identifier		Word	Statements	Statements	information		
		Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. IF ON SKIN: Wash with plenty of water. 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. Use only outdoors or in a well- ventilated area. Wear protective gloves/ eye protection/ face protection.			

Sterculic acid	Sterculic acid							
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information			
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.			



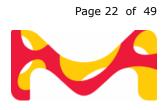
cis-5,8,11,14,	cis-5,8,11,14,17-Eicosapentaenoic acid						
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental		
identifier		Word	Statements	Statements	information		
					Not a hazardous		
					substance or		
					mixture		
					according to		
					Regulation (EC)		
					No 1272/2008.		

cis-11-Eicos	cis-11-Eicosenoic acid							
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental			
identifier		Word	Statements	Statements	information			
					Not a hazardous			
					substance or			
					mixture			
					according to			
					Regulation (EC)			
					No 1272/2008.			

Arachidic aci	Arachidic acid							
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental			
identifier		Word	Statements	Statements	information			
					Not a hazardous			
					substance or			
					mixture			
					according to			
					Regulation (EC)			
					No 1272/2008.			

Docosapenta	Docosapentaenoic acid (cis-7,10,13,16,19)						
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information		
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.		

Melissic acid					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.



2-Ethylacrylic	c acid				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
		-			

2-Methylbutyric acid

Z-Pietityibu							
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental		
identifier		Word	Statements	Statements	information		
		Danger	May be	Keep only in			
			corrosive to	original			
			metals.	packaging. IF			
			Harmful if	SWALLOWED:			
	\sim		swallowed or in	Call a POISON			
			contact with	CENTER/ doctor			

Sigma- FAMLS

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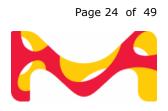


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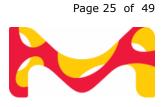
skin.	if you feel unwell. Do not
Causes severe skin burns and	eat, drink or
	smoke when
eye damage.	
	using this
	product. IF ON
	SKIN (or hair):
	Take off
	immediately all
	contaminated
	clothing. Rinse
	skin with water.
	Wear protective
	gloves/
	protective
	clothing/ eye
	protection/ face
	protection. IF IN
	EYES: Rinse
	cautiously with
	water for
	several minutes.
	Remove contact
	lenses, if
	present and
	easy to do.
	Continue
	rinsing.

2-Metnyl-4	-pentenoic aci				1
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
		Danger	Harmful if	Do not eat,	
			swallowed.	drink or smoke	
			Causes severe	when using this	
			skin burns and	product. IF	
	$\mathbf{\vee}$		eye damage.	SWALLOWED:	
				Call a POISON	
				CENTER/ doctor	
				if you feel	
				unwell. Wear	
				protective	
				gloves/	
				protective	
				clothing/ eye	
				protection/ face	
				protection. IF	
				SWALLOWED:	
				Rinse mouth. Do	
				NOT induce	
				vomiting. IF	



ON SKIN (or
hair): Take off
immediately all
contaminated
clothing. Rinse
skin with water.
IF IN EYES:
Rinse cautiously
with water for
several minutes.
Remove contact
lenses, if
present and
easy to do.
Continue
rinsing.

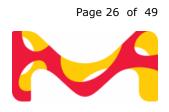
	2-methylbuty				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
		Warning	Causes skin	Avoid breathing	
			irritation.	dust/ fume/	
			Causes serious	gas/ mist/	
			eye irritation.	vapors/ spray.	
			May cause	IF ON SKIN:	
			respiratory	Wash with	
			irritation.	plenty of water.	
				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. Use	
				only outdoors or	
				in a well-	
				ventilated area.	
				Wear protective	
				gloves/ eye	
				protection/ face	
				protection.	



2-Ethyl-2-hydroxybutyric 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/ vapors/ spray. IF ON SKIN: Wash with plenty of water. 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. Use only outdoors or in a well- ventilated area. Wear protective gloves/ eye protection/ face protection.		

trans,trans-M	trans,trans-Muconic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information	
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.	

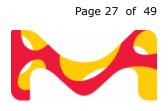
2-Methylheptanoic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
	()	Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. IF ON SKIN: Wash with plenty of water.	



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. Use
only outdoors or
in a well-
ventilated area.
Wear protective
gloves/ eye
protection/ face
protection.

3,3-Dimethy	3,3-Dimethylglutaric acid					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental	
identifier		Word	Statements	Statements	information	
					Not a hazardous	
					substance or	
					mixture	
					according to	
					Regulation (EC)	
					No 1272/2008.	

cis-5-Dodecer	cis-5-Dodecenoic acid						
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental		
identifier		Word	Statements	Statements	information		
	F	Danger	Causes severe skin burns and eye damage.	Wear protective gloves/ protective clothing/ eye protection/ face protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF INHALED:			



Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and
several minutes. Remove contact lenses, if present and easy to do. Continue
rinsing. Wash contaminated clothing before reuse.

17-Octadecyn	oic acid				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
					Not a hazardous
					substance or
					mixture
					according to
					Regulation (EC)
					No 1272/2008.

12-Methyltetr	adecanoic ac	cid			
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
		Warning	Causes skin	Avoid breathing	
	\sim		irritation.	dust/ fume/	
			Causes serious	gas/ mist/	
			eye irritation.	vapors/ spray.	
			May cause	IF ON SKIN:	
			respiratory	Wash with	
			irritation.	plenty of water.	
				Wash skin	
				thoroughly after	
				handling. IF IN	
				EYES: Rinse	
				cautiously with	
				water for	
				several minutes.	
				Remove contact	
				lenses, if	



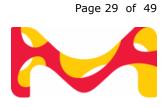
	present and easy to do. Continue rinsing. Use only outdoors or in a well- ventilated area. Wear protective gloves/ eye protection/ face protection.
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Conjugated (9	Z,11E)-Lino	leic acid			
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
					Not a hazardous
					substance or
					mixture
					according to
					Regulation (EC)
					No 1272/2008.

trans-2-Methy	/l-2-butenoid	c acid			
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
		Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. IF ON SKIN: Wash with plenty of water. 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. Use only outdoors or in a well- ventilated area. Wear protective gloves/ eye protection/ face	

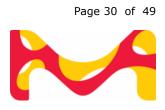
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				protection.	
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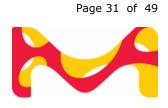
2-Hydroxyhex	canoic acid				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.



		clothing before	
		reuse.	

10-Undecen	oic acid				
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.	Wash skin thoroughly after handling. IF ON SKIN: Wash with plenty of water. Avoid release to the environment. 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.	

Lipoic acid, re	duced				
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Danger	Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Toxic to aquatic life with long lasting effects.	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Avoid release to the environment. IF ON SKIN: Wash with plenty of water. Wear protective	



rinsing.

Traumatic ac	Traumatic acid						
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information		
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.		

Pentadecand	Pentadecanoic acid						
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information		
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.		

Heptadecan	Heptadecanoic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information	
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.	

Nonadecanoic acid						
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information	
					Not a hazardous substance or mixture according to	

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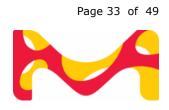
					Regulation (EC) No 1272/2008.
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Arachidonic	Arachidonic acid						
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information		
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.		

5(Z),8(Z),11(5(Z),8(Z),11(Z)-Eicosatrienoic Acid						
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental		
identifier		Word	Statements	Statements	information		
					Not a hazardous		
					substance or		
					mixture		
					according to		
					Regulation (EC)		
					No 1272/2008.		

Docosahexa	Docosahexaenoic Acid						
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental		
identifier		Word	Statements	Statements	information		
					Not a hazardous		
					substance or		
					mixture		
					according to		
					Regulation (EC)		
					No 1272/2008.		

Isobutyric ac	id				
Product identifier	Pictogram	Signal Word Danger	Hazard Statements Flammable	Precautionary Statements	Supplemental information
		Danger	liquid and vapor. Harmful if swallowed. Toxic in contact with skin. Causes severe skin burns and eye damage.	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Keep container tightly closed. IF ON	



	SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wear protective gloves/ protective clothing/ eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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(±)-3-Hydrox	(±)-3-Hydroxyoctanoic acid						
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information		
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.		

9-Decenoic 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/ vapors/ spray. IF ON SKIN: Wash with plenty of water. Wash skin thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact		

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Decanoic acid					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
		Warning	Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.	Wash skin thoroughly after handling. IF ON SKIN: Wash with plenty of water. Avoid release to the environment. 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. If skin irritation occurs: Get medical advice/ attention.	

10-HAD					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
					Not a hazardous
					substance or
					mixture
					according to
					Regulation (EC)

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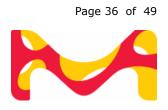
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10-Hydroxydecanoic acid						
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information	
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.	

Palmitoleic acid							
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental		
identifier		Word	Statements	Statements	information		
		Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause long lasting harmful effects to aquatic life.	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. IF ON SKIN: Wash with plenty of water. 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. Use only outdoors or in a well- ventilated area. Avoid release to the environment.			

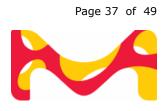
Ximeninic Acid						
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information	
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.	



Linoleic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

Petroselinic	Petroselinic acid				
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

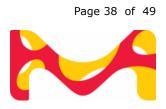
cis-10-Nonadecenoic acid					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word Warning	Statements Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	StatementsAvoid breathing dust/ fume/ gas/ mist/ vapors/ spray.IF ON SKIN: Wash with plenty of water. 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. Use only outdoors or in a well- ventilated area. Wear protective gloves/ eye protection/ face 	information



Tuberculostearic Acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

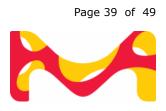
Crotonic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Danger	Causes serious eye damage.	Wear eye protection/ face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	

Hexanoic aci	d				
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Danger	Causes severe skin burns and eye damage.	Wear protective gloves/ protective clothing/ eye protection/ face protection. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.Store locked up. IF INHALED: Remove person to fresh air and keep comfortable for breathing.	



Immediately call a POISON
CENTER/ doctor.
IF IN EYES:
Rinse cautiously
with water for
several minutes.
Remove contact
lenses, if
present and
easy to do.
Continue
rinsing. Wash
contaminated
clothing before
reuse.

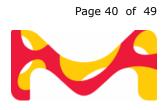
Heptanoic a					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
	L R	Danger	Causes severe	Avoid breathing	
			skin burns and	dust/ fume/	
			eye damage.	gas/ mist/	
			Harmful if	vapors/ spray.	
	×		inhaled.	IF ON SKIN (or	
			May cause	hair): Take off	
			respiratory	immediately all	
			irritation.	contaminated	
				clothing. Rinse	
				skin with water.	
				Use only	
				outdoors or in a	
				well-ventilated	
				area. IF	
				INHALED:	
				Remove person	
				to fresh air and	
				keep	
				comfortable for	
				breathing.	
				Immediately call	
				a POISON	
				CENTER/ doctor.	
				Wear protective	
				gloves/	
				protective	
				clothing/ 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.

(S)-(?)-2-Hy	(S)-(?)-2-Hydroxyisocaproic acid				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
					Not a hazardous
					substance or
					mixture
					according to
					Regulation (EC)
					No 1272/2008.

Octanoic acid					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
		Danger	Causes severe skin burns and eye damage. Harmful to aquatic life with long lasting effects.	Avoid release to the environment. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wear protective gloves/ protective clothing/ eye protection/ face protection. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact	



lenses, if
present and
easy to do.
Continue
rinsing. Wash
contaminated
clothing before
reuse.

Lauric acid					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
	A A A A A A A A A A A A A A A A A A A	Danger	Causes serious eye damage.	Wear 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.	

Palmitic acid					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
					Not a hazardous
					substance or
					mixture
					according to
					Regulation (EC)
					No 1272/2008.

Stearidonic a	Stearidonic acid						
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information		
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.		

?-Linolenic acid						
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information	
		Warning	Causes skin irritation.	Avoid breathing dust/ fume/		

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Causes serious gas/ mist/ eye irritation. May cause IF ON SKIN: mespiratory Wash with plenty of water. 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. Use only outdoors or in a well-	
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Stearic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

13Z,16Z-doc	13Z,16Z-docosadienoic acid						
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information		
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.		

Hexacosanoic acid						
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information	
					Not a hazardous substance or	

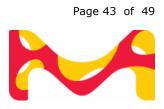
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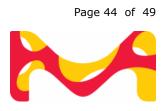
		mixture
		according to
		Regulation (EC)
		No 1272/2008.

Butyric acid					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word Danger	Statements Harmful if swallowed. Causes severe skin burns and eye damage.	StatementsDo not eat, drink or smoke when using this product. IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Wear protective gloves/ protection/ face protection/ face protection. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse 	information



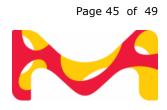
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
dentifier		Word	Statements	Statements	information
	L Z	Danger	Causes severe	Wear protective	
			skin burns and	gloves/	
			eye damage.	protective	
				clothing/ eye	
				protection/ face	
				protection. IF	
				SWALLOWED:	
				Rinse mouth. Do	
				NOT induce	
				vomiting. IF	
				ON SKIN (or	
				hair): Take off	
				immediately all	
				contaminated	
				clothing. Rinse	
				skin with water.	
				IF INHALED:	
				Remove person	
				to fresh air and	
				keep comfortable for	
				breathing.	
				Immediately call	
				a POISON	
				CENTER/ doctor.	
				IF IN EYES:	
				Rinse cautiously	
				with water for	
				several minutes.	
				Remove contact	
				lenses, if	
				present and	
				easy to do.	
				Continue	
				rinsing. Wash	
				contaminated	
				clothing before	
				reuse.	

trans-3-Hexenoic acid						
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental	
identifier		Word	Statements	Statements	information	
	Had a second	Danger	Causes severe skin burns and eye damage.	Wear protective gloves/ protective clothing/ eye protection/ face protection. IF		



SWALLOWED:
Rinse mouth. Do
NOT induce
vomiting. IF
ON SKIN (or
hair): Take off
immediately all
contaminated
clothing. Rinse
skin with water.
IF INHALED:
Remove person
to fresh air and
keep
comfortable for
breathing.
Immediately call
a POISON
CENTER/ doctor.
IF IN EYES:
Rinse cautiously
with water for
several minutes.
Remove contact
lenses, if
present and
easy to do.
Continue
rinsing. Wash
contaminated
clothing before
reuse.

Nonanoic ac	id				
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 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.

Azelaic acid	-		-		-
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
		Warning	Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.	Wash skin thoroughly after handling. IF ON SKIN: Wash with plenty of water. Avoid release to the environment. 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.	

9(Z),11(E),13(E)-Octadecatrienoic Acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture according to

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	Regulation (EC) No 1272/2008.
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Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier	_	Word	Statements	Statements	information
		Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. IF ON SKIN: Wash with plenty of water. 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. Use only outdoors or in a well- ventilated area. Wear protective gloves/ eye protection/ face protection.	

Ricinoleic a	cid				
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

Aleuritic aci	d				
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture according to

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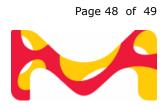
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				Regulation (EC) No 1272/2008.
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cis-7,10,13,1	cis-7,10,13,16-Docosatetraenoic acid						
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental		
identifier	_	Word	Statements	Statements	information		
					Not a hazardous		
					substance or		
					mixture		
					according to		
					Regulation (EC)		
					No 1272/2008.		

Docosatrienoi	Docosatrienoic Acid					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental	
identifier		Word	Statements	Statements	information	
					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.	

Erucic acid							
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental		
identifier		Word	Statements	Statements	information		
		Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. IF ON SKIN: Wash with plenty of water. 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. Use only outdoors or in a well- ventilated area. Wear protective gloves/ eye			



	protection/ face	
	protection.	

