

#### SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Version 6.28 Revision Date 16.01.2024 Print Date 04.05.2025

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 identifiers

Product name : Fatty Acid Metabolite Library of Standards

Product Number : FAMLS Brand : Sigma

REACH No. : 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

# CHEMIKART

#### 1.4 Emergency telephone

Emergency Phone # : 000 800 1007 141 (CHEMTREC)

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

Flammable liquids, (Category 3) H226: Flammable liquid and vapor.

Corrosive to Metals, (Category 1) H290: May be corrosive to metals.

Acute toxicity, (Category 4) H302: Harmful if swallowed.

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Acute toxicity, (Category 4)	H332: Harmful if inhaled.
Acute toxicity, (Category 3)	H311: Toxic in contact with skin.
Skin corrosion, (Sub-category 1B)	H314: Causes severe skin burns and eye damage.
Serious eye damage, (Category 1)	H318: Causes serious eye damage.
Skin sensitization, (Category 1)	H317: May cause an allergic skin reaction.
Specific target organ toxicity - single exposure, (Category 3), Respiratory system	H335: May cause respiratory irritation.
Long-term (chronic) aquatic hazard, (Category 2)	H411: Toxic to aquatic life with long lasting effects.

#### 2.2 Label elements

# **Labelling according Regulation (EC) No 1272/2008**Pictogram

Signal Word	Danger
Hazard Statements	
H226	Flammable liquid and vapor.
H290 H302 + H332	May be corrosive to metals.  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.  May cause respiratory irritation.
H411	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.
P280	Wear protective gloves/ protective clothing/ eye protection/ face 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 Statements	none

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#### Reduced Labeling (<= 125 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/ face 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

# Statements 2.3 Other hazards

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

rinsing.

none

#### Ecological information:

Supplemental Hazard

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. Toxicological information:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

#### **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

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#### **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.

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

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#### **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 IMDG: CHEMICAL KIT IATA: Chemical kit

14.3 Transport hazard class(es)

ADR/RID: 9 IMDG: 9 IATA: 9

14.4 Packaging group

ADR/RID: II IMDG: II IATA: II

14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user

Tunnel restriction code : (E)

Further information : 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

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#### **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

Linolenic aci Oleic acid

cis-8,11,14-

Eicosatrienoic acid

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-

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

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

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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-2butenoic 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 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 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

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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

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 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 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

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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 of the mixture		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	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.

Myristoleic ad	cid				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
identifier	H	Warning	Statements 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	information
				present and easy to do. Continue rinsing. Use only outdoors or in a well-ventilated area. Wear protective	
				protection/ face protection.	

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Product	ridecanoic acio Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier	1 1000 91 4111	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-Hydroxytetradecanoic 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.	

Isopalmitic	Isopalmitic acid						
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.			

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Manhada akin
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.

Product	exadecanoic a Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier	Fictograffi	Word	Statements	Statements	information
dentinei		Warning	Causes skin	Avoid breathing	IIIIOIIIIacioii
		waiting	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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2-Hydroxyhex	2-Hydroxyhexadecanoic 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.		

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-Methylst					1
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.	

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

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

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

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cis-8,11,14-l	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-Eicosadienoic 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.			

Phytanic ac		T 0: 1	T., .	T	
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
dentifier		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.	

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Heneicosan	Heneicosanoic 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.				

Behenic aci	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.

<b>Tricosanoic a</b> Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
dentifier	riccogram	Word	Statements	Statements	information
аепипег		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.	miormation

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Nervonic ac	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 a	Lignoceric 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.		

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.	

Octacosanoi	Octacosanoic 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.		

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

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skin with water. Wear protective gloves/ protective clothing/ eye 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
easy to do. Continue
rinsing. Wash contaminated
clothing before reuse.

cis-2-Decenoic 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		

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protective gloves/ eye protection/ face protection. If skin irritation occurs: Get
medical advice/
attention.

Undecanoic	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 a	1	C:1	11	Durantina	C
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
dentifier		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.	

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Myristic 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.

15-Methylpal	lmitic acid				
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	
	7			easy to do.	
				Continue	
				rinsing. Use	
				only outdoors or	
				in a well-	
				ventilated area.	
				Wear protective	
				gloves/ eye	
				protection/ face	
				protection.	

Sterculic 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.				

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cis-5,8,11,14,17-Eicosapentaenoic 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-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 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.			

					110 1272/20001
Docosapent	aenoic acid (c	is-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	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.					

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2-Ethylacrylic acid							
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental		
identifier		Word	Statements	Statements	information		
identifier		Danger	Statements 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	information		
	H		ЛK	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.			

2-Methylbutyric acid							
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:			
			swallowed or in	Call a POISON			
			contact with	CENTER/ doctor			

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

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		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.	

Product	-methylbutyı Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier	riccogram	Word	Statements	Statements	information
identifier		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.	Information

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Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
dentifier		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.	

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	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.		

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

cis-5-Dodece	noic acid				
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 SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF INHALED:	

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Pomovo porcon
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.

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

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	present and	
	easy to do.	
	Continue	
	rinsing. Use	
	only outdoors or	
	in a well-	
	ventilated area.	
	Wear protective	
	gloves/ eye	
	protection/ face	
	protection.	

Conjugated (9Z,11E)-Linoleic 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.

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	

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	L L!	
	I Drotoction	
	I DIOLECTION.	

2-Hydroxyh	2-Hydroxyhexanoic 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.		

Pictogram	Signal	Hazard	Precautionary	Supplemental
J	Word	Statements	Statements	information
	_		_	
			Danger Causes severe skin burns and	Danger  Causes severe skin burns and eye damage.  Wear protective gloves/ 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.

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		clothing before	
		reuse.	

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

Lipoic acid,	reduced				_
Product identifier	Pictogram	Signal Word Danger	Hazard Statements Harmful if swallowed. Causes skin irritation.	Precautionary Statements Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.	Supplemental information
			May cause an allergic skin reaction. Causes serious eye damage. Toxic to aquatic life with long lasting effects.	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	

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	et et
Traumatic acidProductPictogramSignalHazardPrecautionary	Supplemental

Traumatic 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.	

Pentadecanoic 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.		

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

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

Regulation (EC) No 1272/2008.

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.			

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

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SKIN (or hair):
Take off
immediately all
contaminated
clothing. Rinse
skin with water.
Wear protective
gloves/
protective
clothing/ eye
protection/ face
protection, Idee
EYES: Rinse
cautiously with
water for
several minutes.
Remove contact
lenses, if
present and
easy to do.
Continue
rinsing.

(±)-3-Hydroxyoctanoic 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.	

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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.

Decanoic acid	i				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
identifier		Warning	Statements Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.	Statements  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	information
				occurs: Get medical advice/ attention.	

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

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10-Hydroxydecanoic 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.			

Palmitoleic a Product		Signal	Hazard	Precautionary	Supplemental
	Pictogram	_		_	
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 irritation.	Wash with	
				plenty of water. Wash skin	
			May cause long		
			lasting harmful effects to	thoroughly after handling. IF IN	
			aquatic life.	EYES: Rinse	
			aquatic iiie.	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	Pictogram	Signal	Hazard	Precautionary	Supplemental				
identifier		Word	Statements	Statements	information				
					Not a hazardous				
					substance or				
					mixture				
					according to				
					Regulation (EC)				
					No 1272/2008.				

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Linoleic 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.

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.

Product	decenoic acid Pictogram	Signal	Hazard	Precautionary	Supplemental
dentifier	3 3 3	Word	Statements	Statements	information
dentifier		Word 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	Information

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Tuberculos	Tuberculostearic 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.	

<b>Crotonic acid</b>					
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.	

			<del>-/</del>	$-\Lambda$	
Hexanoic acid					
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.	

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Imm	nediately call
	•
a PC	DISON
CEN	TER/ doctor.
IF IN	N EYES:
Rins	e cautiously
with	water for
seve	eral minutes.
Rem	ove contact
lens	es, if
pres	ent and
easy	to do.
Cont	tinue
rinsi	ng. Wash
cont	aminated
cloth	ning before
reus	e.

Heptanoic ac	cid			T	1
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
		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	

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water for	
several minutes.	
Remove contact	
lenses, if	
present and	
easy to do.	
Continue	
rinsing.	

(S)-(?)-2-H	(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	1			<b>T</b>	T
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
		Danger	Causes severe	Avoid release to	
			skin burns and	the	
			eye damage.	environment. IF	
			Harmful to	ON SKIN (or	
			aquatic life with	hair): Take off	
			long lasting	immediately all	
			effects.	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	

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

Lauric 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.	

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

Stearidonic a	Stearidonic 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.		

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

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Causes serious eye irritation. May cause respiratory irritation.	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
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Stearic acid						
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information	
				AK	Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.	

13Z,16Z-docosadienoic 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.	

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

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

Butyric acid	1	T =	T	1 -	T
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
dentifier		Word	Statements	Statements	information
		Danger	Harmful if	Do not eat,	
			swallowed.	drink or smoke	
			Causes severe	when using this	
			skin burns and	product. IF	
			eye damage.	SWALLOWED:	
				Call a POISON	
				CENTER/ doctor	
				if you feel	
				unwell. Wear	
				protective	
				gloves/	
				protective	
				clothing/ eye	
				protection/ face	
				protection. 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.	1

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Isovaleric a			1		_
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
		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	
			V	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	
		Danger	Causes severe	Wear protective		
			skin burns and	gloves/		
			eye damage.	protective		
				clothing/ eye		
				protection/ face		
				protection. IF		

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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 acid	Nonanoic 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 water. Wear protective gloves/ eye protection/ face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact		

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longer if
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	Distourans	Cianal	Hazard	Drocautionari	Cupplomontal
	Pictogram				
Productidentifier	Pictogram	Signal Word Warning	Hazard Statements  Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.	Precautionary Statements  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	Supplemental information

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

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	Regulation (EC) No 1272/2008.
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trans-Vaccer	nic Acid				
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.	

Ricinoleic 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.

Aleuritic aci	id				
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.
cis-7,10,13,16-Docosatetraenoic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information

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.	

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	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			

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	protection/ face	
	protection.	



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