

SAFETY DATA SHEET

Version 6.0 Revision Date 04/18/2019 Print Date 03/03/2021

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

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

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich Inc.

3050 Spruce Street ST. LOUIS MO 63103 UNITED STATES

Telephone : +1 314 771-5765 Fax : +1 800 325-5052

1.4 Emergency telephone number

Emergency Phone # : 800-424-9300 CHEMTREC (USA) +1-703-

527-3887 CHEMTREC (International) 24

Hours/day; 7 Days/week

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

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

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

SECTION 3: Composition/information on ingredients

Refer to component MSDS

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SECTION 4: First aid measures

Refer to component MSDS

SECTION 5: Firefighting measures

Refer to component MSDS

SECTION 6: Accidental release measures

Refer to component MSDS

SECTION 7: Handling and storage

7.1 Precautions for safe handling

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Keep container tightly closed in a dry and well-ventilated place.

Recommended storage temperature -20 °C

Storage class (TRGS 510): 10: Combustible 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 MSDS

SECTION 9: Physical and chemical properties

Refer to component MSDS

SECTION 10: Stability and reactivity

Refer to component MSDS

SECTION 11: Toxicological information

Refer to component MSDS

SECTION 12: Ecological information

Refer to component MSDS

SECTION 13: Disposal considerations

Refer to component MSDS

SECTION 14: Transport information

DOT (US)

UN number: 3316 Class: 9 Packing group: II

Proper shipping name: Chemical kits

Poison Inhalation Hazard: No

IMDG

UN number: 3316 Class: 9 Packing group: II EMS-No: F-A, S-P

Proper shipping name: CHEMICAL KIT

IATA

UN number: 3316 Class: 9 Packing group: II

Proper shipping name: Chemical kit

SECTION 15: Regulatory information

SECTION 16: Other information

Kit Components:

Mesaconic acid

Myristoleic acid Flam. Liq. 4; Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H227,

H315, H319, H335

SE 3; H315, H319, H335

12-Methyltridecanoic Skin Irrit. 2; Eye Irrit. 2A; STOT

acid

2-Hydroxytetradecanoic

acid

Isopalmitic acid Skin Irrit. 2; Eye Irrit. 2A; STOT

SE 3; H315, H319, H335

14-Methylhexadecanoic Skin Irrit. 2; Eye Irrit. 2A; STOT

acid SE 3; H315, H319, H335

2-Hydroxyhexadecanoic

acid

Isostearic acid

17-Methylstearic acid Skin Irrit. 2; Eye Irrit. 2A; STOT

SE 3; H315, H319, H335

trans-11-Eicosenoic acid all-cis-4,7,10,13,16-Docosapentaenoic acid Heptacosanoic Acid

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Linolenic acid
Oleic acid
cis-8,11,14Eicosatrienoic 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-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 Flam. Liq. 4; H227

Flam. Liq. 4; H227

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

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

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

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

Flam. Liq. 4; Skin Corr. 1B; Eye Dam. 1; H227, H314
Flam. Liq. 4; Met. Corr. 1; Acute Tox. 4; Skin Corr. 1B; Eye Dam. 1; H227, H290, H302 + H312, H314
Acute Tox. 4; Skin Corr. 1B; Eye Irrit. 2A; H302, H314
Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H315, H319, H335
Skin Irrit. 2; Eye Irrit. 2A; STOT

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

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

SE 3; H315, H319, H335

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

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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

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

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

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

Flam. Liq. 4; H227 Flam. Liq. 3; Acute Tox. 4; Aquatic Acute 3; H226, H302 + H312, H402

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

Flam. Liq. 4; Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H227, H315, H319, H335

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

Eye Dam. 1; H318

Acute Tox. 4; Acute Tox. 3; Skin Corr. 1C; Eye Dam. 1; Aquatic Acute 3; H302, H311, H314, H402
Acute Tox. 4; Skin Corr. 1B; Eye Dam. 1; STOT SE 3; Aquatic Acute 3; H314, H332, H335, H402

Skin Corr. 1C; Eye Dam. 1;

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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 Aquatic Acute 3; H314, H402 Eye Irrit. 2A; Aquatic Acute 2; H319, H401

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

Flam. Liq. 4; Acute Tox. 4; Skin Corr. 1B; Eye Dam. 1; H227, H302, H314
Flam. Liq. 4; Skin Corr. 1B; Eye Dam. 1; Aquatic Acute 3; H227, H314, H402
Skin Corr. 1B; Eye Dam. 1; H314
Skin Irrit. 2; Eye Irrit. 2A; Aquatic Acute 3; Aquatic Chronic 3; H315, H319, H412
Eye Irrit. 2A; Aquatic Chronic 3; H319, H412

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

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.	

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	after handling.	
	IF IN EYES:	
	Rinse cautiously	
	with water for	
	several minutes.	
	Remove contact	
	lenses, if	
	present and	
	easy to do.	
	Continue	
	rinsing. Store	
	locked up. Use	
	only outdoors or	
	in a well-	
	ventilated area.	
	If skin irritation	
	occurs: Get	
	medical advice/	
	attention.	
	Wear protective	
	gloves/ eye	
	protection/ face	
	protection, lace	
	eye irritation	
	persists: Get	
	medical advice/	
	attention.	
	Take off	
	contaminated	
	clothing and	
	wash before	
	reuse. In	
	case of fire: Use	
	dry sand, dry	
	chemical or	
	alcohol-resistant	
	foam to	
	extinguish.	
	CAUTIGUISTI.	

12-Methyltr	12-Methyltridecanoic acid						
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information		
	•	Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. IF ON SKIN: Wash with plenty of soap and water. Store in a well-ventilated place. Keep container tightly closed. Dispose of			

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contents/	
container to an	
approved waste	
disposal plant.	
Wash skin	
thoroughly after	
handling. IF	
INHALED:	
Remove person	
to fresh air and	
keep	
comfortable for	
breathing. Call a	
POISON	
CENTER/doctor	
if you feel	
unwell. Store	
locked up. Use	
only outdoors or	
in a well-	
ventilated area.	
IF IN EYES:	
Rinse cautiously	
with water for	
several minutes.	
Remove contact	
lenses, if	
present and	
easy to do.	
Continue	
rinsing. Wear	
protective	
gloves/ eye	
protection/ face	
protection. If	
skin irritation	
occurs: Get	
medical advice/	
attention. If	
eye irritation	
l -	
persists: Get	
medical advice/	
attention.	
Take off	
contaminated	
clothing and	
wash before	
reuse.	

2-Hydroxyte	2-Hydroxytetradecanoic acid							
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental			
identifier		word	statements	statements	information			
					Not a hazardous			
					substance or			
					mixture.			

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Isopalmitic ac	cid				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		word	statements	statements	information
Product					

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

14-Methylh	exadecanoic a	cid			
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.	vapours/ spray.	
			May cause	IF ON SKIN:	
			respiratory	Wash with	
			irritation.	plenty of soap	
				and water. Store	
				in a well-	
				ventilated place.	
				Keep container	
				tightly closed.	
				Dispose of	
				contents/	
				container to an	
				approved waste	
				disposal plant.	
				Wash skin	
				thoroughly after	
				handling. IF	
				INHALED:	
				Remove person	
				to fresh air and	
				keep	
				comfortable for	
				breathing. Call a	
				POISON	
				CENTER/doctor	
				if you feel	
				unwell. Store	
				locked up. Use	
				only outdoors or	
				in a well-	
				ventilated area.	
				IF IN EYES:	
				Rinse cautiously	
				with water for	
				several minutes.	
				Remove contact	
				lenses, if	
				present and	

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reuse.

2-Hydroxyh	2-Hydroxyhexadecanoic acid							
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental			
identifier		word	statements	statements	information			
					Not a hazardous			
					substance or			
					mixture.			

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

17-Methylstea	17-Methylstearic acid						
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information		
		Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. IF ON SKIN: Wash with plenty of soap and water. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/ container to an approved waste			

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diamagal!t
disposal plant.
Wash skin
thoroughly after
handling. IF
INHALED:
Remove person
to fresh air and
keep
comfortable for
breathing. Call a
POISON
CENTER/doctor
if you feel
unwell. Store
locked up. Use
only outdoors or
in a well-
ventilated area.
IF IN EYES:
Rinse cautiously
with water for
several minutes.
Remove contact
lenses, if
present and
easy to do.
Continue
rinsing. Wear
protective
gloves/ eye
protection/ face
protection. If
skin irritation
occurs: Get
medical advice/
attention. If
eye irritation
persists: Get
medical advice/
attention.
Take off
contaminated
clothing and
wash before
reuse.

trans-11-Eico	senoic acid				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		word	statements	statements	information
					Not a hazardous
					substance or
					mixture.

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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.

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

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

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

cis-8,11,14-	Eicosatrienoio	acid			
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
		Warning	Combustible liquid.	Keep away from heat/sparks/ope n flames/hot surfaces. No smoking. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. Store in a well- ventilated place. Keep cool. Dispose of contents/ container to an approved waste disposal plant. Wear protective gloves/ eye protection/ face	

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		I Drotoction	
		I DIOLECTOTI.	

cis-11,14-E	icosadienoic a	cid			
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		word	statements	statements	information
		Warning	Combustible	Keep away	
			liquid.	from	
				heat/sparks/ope	
				n flames/hot	
				surfaces. No	
				smoking. In	
				case of fire: Use	
				dry sand, dry	
				chemical or	
				alcohol-resistant	
				foam to	
				extinguish.	
				Store in a well-	
				ventilated place.	
				Keep cool.	
				Dispose of	
				contents/	
				container to an	
				approved waste	
				disposal plant.	
				Wear protective	
				gloves/ eye	
				protection/ face	
				protection.	

Phytanic ac		1	1	T	la
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		word	statements	statements	information
		Warning	Causes skin	Avoid breathing	
			irritation.	dust/ fume/	
	Ť		Causes serious	gas/ mist/	
			eye irritation.	vapours/ spray.	
			May cause	IF ON SKIN:	
			respiratory	Wash with	
			irritation.	plenty of soap	
				and water. Store	
				in a well-	
				ventilated place.	
				Keep container	
				tightly closed.	
				Dispose of	
				contents/	
				container to an	
				approved waste	
				disposal plant.	
				Wash skin	
				thoroughly after	
				handling. IF	
				INHALED:	

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

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

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

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

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

Nervonic ac	cid				
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.	vapours/ spray.	
			May cause	IF ON SKIN:	
			respiratory	Wash with	
			irritation.	plenty of soap	
				and water. Store	
				in a well-	
				ventilated place.	
				Keep container	
				tightly closed.	
				Dispose of	
				contents/	
				container to an	
				approved waste	
				disposal plant.	
				Wash skin	
				thoroughly after	
				handling. IF	
				INHALED:	
				Remove person	
				to fresh air and	
				keep	
				comfortable for	
				breathing. Call a	
				POISON	
				CENTER/doctor	
				if you feel	
				unwell. Store	
				locked up. Use	
				only outdoors or	
				in a well-	
				ventilated area.	
				IF IN EYES:	
				Rinse cautiously	
				with water for	
				several minutes.	
				Remove contact	
				lenses, if	
				present and	

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Product	Dictogram	Signal	Hazard	Procautionary	Supplemental
Lignoceric	acid				
				reuse.	
				wash before	
				clothing and	
				contaminated	
				Take off	
				attention.	
				persists: Get medical advice/	
				eye irritation	
				attention. If	
				medical advice/	
				occurs: Get	
				skin irritation	
				protection. If	
				protection/ face	
				protective gloves/ eye	
				rinsing. Wear	
				Continue	
				easy to do.	

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

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

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

Valeric acid					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		word	statements	statements	information
	12	Danger	Causes severe	Do not breathe	
			skin burns and	dust or mist. IF	
	•		eye damage.	SWALLOWED:	
			Harmful to	Rinse mouth. Do	
			aquatic life with	NOT induce	
			long lasting	vomiting. Store	
			effects.	locked up.	
				Dispose of	
				contents/	

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container to an approved waste disposal plant. Wash skin thoroughly after handling. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Avoid release to the environment. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. Wear protective gloves/ protective
disposal plant. Wash skin thoroughly after handling. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Avoid release to the environment. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. Wear protective gloves/
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Immediately call a POISON CENTER/doctor. Wear protective gloves/
a POISON CENTER/doctor. Wear protective gloves/
CENTER/doctor. Wear protective gloves/
Wear protective gloves/
gloves/
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.
Immediately call
a POISON
CENTER/doctor.
Wash
contaminated
clothing before
reuse.

cis-2-Decenoic acid						
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental	
identifier		word	statements	statements	information	
		Warning	Causes serious	Wash skin		
			eye irritation.	thoroughly after		
	•			handling. IF IN		

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EYES: Rinse cautiously with water for	
water for	
water for	
several minutes.	
Remove contact	
lenses, if	
present and	
easy to do.	
Continue	
rinsing. Wear	
eye protection/	
attention.	
_	Remove contact lenses, if present and easy to do. Continue rinsing. Wear eye protection/ face protection. If eye irritation persists: Get medical advice/

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

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

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

15-Methylpa	15-Methylpalmitic acid								
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information				
identifiel	!	Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. IF ON SKIN: Wash with plenty of soap and water. Store in a well-ventilated place. Keep container tightly closed. Dispose of	Information				

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	contents/	
	container to an	
	approved waste	
	disposal plant.	
	Wash skin	
	thoroughly after	
	handling. IF	
	INHALED:	
	Remove person	
	to fresh air and	
	keep	
	comfortable for	
	breathing. Call a	
	POISON	
	CENTER/doctor	
	if you feel	
	unwell. Store	
	locked up. Use	
	only outdoors or	
	in a well-	
	ventilated area.	
	IF IN EYES:	
	Rinse cautiously	
	with water for	
	several minutes.	
	Remove contact	
	lenses, if	
	present and	
	easy to do.	
	Continue	
	rinsing. Wear	
	protective	
	gloves/ eye	
	protection/ face	
	protection. If	
	skin irritation	
	occurs: Get	
	medical advice/	
	attention. If	
	eye irritation	
	persists: Get	
	medical advice/	
	attention.	
	Take off	
	contaminated	
	clothing and	
	wash before	
	reuse.	

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

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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.	

cis-11-Eicosenoic acid						
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental	
identifier		word	statements	statements	information	
					Not a hazardous	
					substance or	
					mixture.	

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

Docosapentaenoic acid (cis-7,10,13,16,19)						
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental	
identifier		word	statements	statements	information	
					Not a hazardous	
					substance or	
					mixture.	

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

2-Ethylacry	lic acid	_			
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
		Danger	Combustible liquid. Causes severe skin burns and eye damage.	Keep away from heat/sparks/ope n flames/hot surfaces. No smoking. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Store in a well- ventilated place. Keep cool. Dispose of contents/	

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container to an approved waste disposal plant. Do not breathe dust or mist. IF ON SKIN (or hair): Take off immediately all contaminated clothing, Rinse skin with water/shower. Store locked up. Wash skin thoroughly after handling. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. 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. Immediately call a POISON CENTER/doctor. Wear protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. Wash contaminated clothing before reuse. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.	
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2-Methylbuty	ric acid				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier					information
identifier	Trictogram •	word Danger	statements Combustible liquid. May be corrosive to metals. Harmful if swallowed or in contact with skin. Causes severe skin burns and eye damage.	keep away from heat/sparks/ope n flames/hot surfaces. No smoking. IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. Store in a well-ventilated place. Keep cool. Dispose of contents/ container to an approved waste disposal plant. Keep only in original container. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Store locked up. Do not breathe dust or mist. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Store in corrosive resistant container with a resistant inner liner. Wash skin thoroughly after handling. IF INHALED: Remove person to fresh air and keep comfortable for breathing.	information
				comfortable for breathing.	
				Immediately call a POISON	

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CENTER/doctor.
Do not eat,
drink or smoke
when using this
product. IF IN
EYES: Rinse
cautiously with
water for
several minutes.
Remove contact
lenses, if
present and
easy to do.
Continue
rinsing.
Immediately call
a POISON
CENTER/doctor.
Wear protective
gloves/
protective
clothing/ eye
protection/ face
protection.
Wash
contaminated
clothing before
reuse. In
case of fire: Use
dry sand, dry
chemical or
alcohol-resistant
foam to
extinguish.
Absorb spillage
to prevent
material
damage.

2-Methyl-4-	2-Methyl-4-pentenoic acid					
2-Methyl-4- Product identifier	Pictogram	Signal word Danger	Hazard statements Harmful if swallowed. Causes severe skin burns and eye damage.	Precautionary statements Do not breathe dust or mist. IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse	Supplemental information	
				mouth. Store locked up. Dispose of contents/ container to an approved waste		

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	disposal plant.	
	Wash skin	
	thoroughly after	
	handling. IF	
	SWALLOWED:	
	Rinse mouth. Do	
	NOT induce	
	vomiting. Do	
	not eat, drink or	
	smoke when	
	using this	
	product. IF ON	
	SKIN (or hair):	
	Take off	
	immediately all	
	contaminated	
	clothing. Rinse	
	skin with	
	water/shower.	
	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. If eye	
	irritation	
	persists: Get	
	medical advice/	
	attention.	
	Wash	
	contaminated	
	clothing before	
	reuse.	

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2-Hydroxy-2-m Product identifier	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier				i i ccaacionai y	Supplemental
		word	statements	statements	information
		Warning			

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

2-Ethyl-2-hyd			1	1	T
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.	vapours/ spray.	
			May cause	IF ON SKIN:	
			respiratory	Wash with	
			irritation.	plenty of soap	
				and water. Store	
				in a well-	
				ventilated place.	
				Keep container	
				tightly closed.	
				Dispose of	
				contents/	
				container to an	
				approved waste	
				disposal plant.	
				Wash skin	
				thoroughly after	
				handling. IF	
				INHALED:	
				Remove person	
				to fresh air and	
				keep	
				comfortable for	
				breathing. Call a	
				POISON	
				CENTER/doctor	
				if you feel	
				unwell. Store	
				locked up. Use	
				only outdoors or	
				in a well-	
				ventilated area.	
				IF IN EYES:	
				Rinse cautiously	
				with water for	
				several minutes.	
				Remove contact	
				lenses, if	
				present and	
				easy to do.	

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Continue
rinsing. Wear
protective
gloves/ eye
protection/ face
protection. If
skin irritation
occurs: Get
medical advice/
attention. If
eye irritation
persists: Get
medical advice/
attention.
Take off
contaminated
clothing and
wash before
reuse.

trans,trans-Muconic acid					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		word	statements	statements	information
					Not a hazardous
					substance or
					mixture.

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

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

3,3-Dimethylglutaric acid					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		word	statements	statements	information
					Not a hazardous
					substance or
					mixture.

cis-5-Dodecenoic acid					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
	N. C.	Danger	Causes severe skin burns and eye damage.	Do not breathe dust or mist. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Store	

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locked up.	
Dispose of	
contents/	
container to an	
approved waste	
disposal plant.	
Wash skin	
thoroughly after	
handling. IF ON	
SKIN (or hair):	
Take off	
immediately all	
contaminated	
clothing. Rinse	
skin with	
water/shower.	
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.	
Immediately call	
a POISON	
CENTER/doctor.	
Wash	
contaminated	
clothing before	
reuse.	

17-Octadecynoic acid						
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information	
		110.0	3,00,00,00,00	333333113	Not a hazardous	
					substance or mixture.	

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	etradecanoic a		Hazard	Drocautionan	Cupplamantal
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
dentifier	_	word	statements	statements	information
		Warning	Causes skin	Avoid breathing	
			irritation.	dust/ fume/	
	Ť		Causes serious	gas/ mist/	
			eye irritation.	vapours/ spray.	
			May cause	IF ON SKIN:	
			respiratory	Wash with	
			irritation.	plenty of soap	
				and water. Store	
				in a well-	
				ventilated place.	
				Keep container	
				tightly closed.	
				Dispose of	
				contents/	
				container to an	
				approved waste	
				disposal plant.	
				Wash skin	
				thoroughly after	
				handling. IF	
				INHALED:	
				Remove person	
				to fresh air and	
				keep	
				comfortable for	
				breathing. Call a	
				POISON	
				CENTER/doctor	
				if you feel	
				unwell. Store	
				locked up. Use	
				only outdoors or	
				in a well-	
				ventilated area.	
				IF IN EYES:	
				Rinse cautiously	
				with water for	
				several minutes.	
				Remove contact	
				lenses, if	
				present and	
				easy to do.	
				Continue	
				protective	
				gloves/ eye	
				protection/ face	
				protection. If	
				skin irritation	
				occurs: Get	
				medical advice/	1

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

Conjugated	(9Z,11E)-Lino	leic acid			
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		word	statements	statements	information
					Not a hazardous
					substance or
					mixture.

	<u>thyl-2-butenoi</u>				
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.	vapours/ spray.	
			May cause	IF ON SKIN:	
			respiratory	Wash with	
			irritation.	plenty of soap	
				and water. Store	
				in a well-	
				ventilated place.	
				Keep container	
				tightly closed.	
				Dispose of	
				contents/	
				container to an	
				approved waste	
				disposal plant.	
				Wash skin	
				thoroughly after	
				handling. IF	
				INHALED:	
				Remove person	
				to fresh air and	
				keep	
				comfortable for	
				breathing. Call a	
				POISON	
				CENTER/doctor	
				if you feel	
				unwell. Store	
				locked up. Use	
				only outdoors or	
		1		in a well-	

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ventilated area.
IF IN EYES:
Rinse cautiously
with water for
several minutes.
Remove contact
lenses, if
present and
easy to do.
Continue
rinsing. Wear
protective
gloves/ eye
protection/ face
protection. If
skin irritation
occurs: Get
medical advice/
attention. If
eye irritation
persists: Get
medical advice/
attention.
Take off
contaminated
clothing and
wash before
reuse.

2-Hydroxyhex	kanoic acid				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier	_	word	statements	statements	information
					Not a hazardous
					substance or
					mixture.

2-Octenoic	acid				
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
		Danger	Causes severe skin burns and eye damage.	Do not breathe dust or mist. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Store locked up. Dispose of contents/ container to an approved waste disposal plant. Wash skin thoroughly after handling. IF ON	

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SKIN (or hair):
Take off
immediately all
contaminated
clothing. Rinse
skin with
water/shower.
· · · · · · · · · · · · · · · · · · ·
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.
Immediately call
a POISON
CENTER/doctor.
Wash
contaminated
clothing before
reuse.
, <u> </u>

10-Undecend	10-Undecenoic 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 soap and water. Dispose of contents/ container to an approved waste disposal plant. Avoid release to			

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

Pictogram	Signal	Hazard	Precautionary	Supplemental
	word	statements	statements	information
****				• •
	!		Danger Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Toxic to aquatic life with long	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. Toxic to aquatic life with long lasting effects. Harmful if swallowed. Causes skin irritation. May vapours/ spray. IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. Dispose of contents/ container to an approved waste disposal plant. Wash skin thoroughly after handling. IF ON SKIN: Wash

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when using this
product. IF IN
EYES: Rinse
cautiously with
water for
several minutes.
Remove contact
lenses, if
present and
easy to do.
Continue
rinsing.
Immediately call
a POISON
CENTER/doctor.
Contaminated
work clothing
should not be
allowed out of
the workplace.
If skin irritation
or rash occurs:
Get medical
advice/
attention.
Avoid release to
the
environment.
Take off
contaminated
clothing and
wash before
reuse. Wear
protective
gloves/ eye
protection/ face
protection, face
Collect spillage.

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

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

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

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

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

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.	

Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
		Warning	Combustible liquid.	Keep away from heat/sparks/ope n flames/hot surfaces. No smoking. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. Store in a well- ventilated place. Keep cool. Dispose of contents/ container to an approved waste disposal plant. Wear protective gloves/ eye protection/ face	

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Isobutyric acid	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier	. iccogram	word	statements	statements	information
dentinei		Warning	Flammable	Keep away	IIIIOIIIIacioii
	**	waitiiig			
			liquid and	from	
			vapour. Harmful	heat/sparks/ope	
	\•\/		if swallowed or	n flames/hot	
	•		in contact with	surfaces. No	
			skin. Harmful to	smoking. IF	
			aquatic life.	SWALLOWED:	
				Call a POISON	
				CENTER/doctor	
				if you feel	
				unwell. Rinse	
				mouth. Store in	
				a well-ventilated	
				place. Keep	
				cool. Dispose of	
				contents/	
				container to an	
				approved waste	
				disposal plant.	
				Keep container	
				tightly closed. IF	
				ON SKIN (or	
				hair): Take off	
				immediately all	
				contaminated	
				clothing. Rinse	
				skin with	
				water/shower.	
				Ground/bond	
				container and	
				receiving	
				equipment.	
				Wash	
				contaminated	
				clothing before	
				reuse. Use	
				explosion-proof	
				electrical/	
				ventilating/	
				lighting	
				equipment. In	
				case of fire: Use	
				dry sand, dry	
				chemical or	
				alcohol-resistant	
				foam to	
				extinguish.	
				Use only non-	
				sparking tools.	
			Í	Take	

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precautionary measures against static discharge. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective

(±)-3-Hydroxyoctanoic acid					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		word	statements	statements	information
					Not a hazardous
					substance or
					mixture.

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

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

Decanoic ac	id				
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 soap and water. Dispose of contents/ container to an approved waste disposal plant. Avoid release to the environment. IF IN EYES: Rinse	

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

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

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

Palmitoleic	Palmitoleic acid				
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
	1	Warning	Combustible liquid. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Keep away from heat/sparks/ope n flames/hot surfaces. No smoking. IF ON SKIN: Wash with plenty of soap and water. Store in a well-	

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ventilated place.
Keep container
tightly closed.
Dispose of
contents/
container to an
approved waste
disposal plant.
Avoid breathing
dust/ fume/
gas/ mist/
vapours/ spray.
IF INHALED:
Remove person
to fresh air and
keep
comfortable for
breathing. Call a
POISON
CENTER/doctor
if you feel
unwell. Store in
a well-ventilated
place. Keep
cool. 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. Store
locked up. Use
only outdoors or
in a well-
ventilated area.
If skin irritation
occurs: Get
medical advice/
attention.
Wear protective
gloves/ eye
protection/ face
protection. If
eye irritation
persists: Get
medical advice/
attention.
Take off
contaminated

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clothing and wash before
reuse. In
case of fire: Use dry sand, dry
chemical or alcohol-resistant
foam to extinguish.

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

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

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

cis-10-Nona	cis-10-Nonadecenoic acid						
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information		
		Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. IF ON SKIN: Wash with plenty of soap and water. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/ container to an approved waste disposal plant. Wash skin thoroughly after handling. IF			

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TAULIALED
INHALED:
Remove person
to fresh air and
keep
comfortable for
breathing. Call a
POISON
CENTER/doctor
if you feel
unwell. Store
locked up. Use
only outdoors or
in a well-
ventilated area.
IF IN EYES:
Rinse cautiously
with water for
several minutes.
Remove contact
lenses, if
•
present and
easy to do.
Continue
rinsing. Wear
protective
gloves/ eye
protection/ face
protection. If
skin irritation
occurs: Get
medical advice/
attention. If
eye irritation
persists: Get
medical advice/
attention.
Take off
contaminated
clothing and
wash before
reuse.
1.0000.

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

Crotonic acid					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
		Danger	Causes serious eye damage.	Wear eye protection/ face	

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

Hexanoic ad	cid				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		word	statements	statements	information
		Danger	Harmful if	Do not breathe	
	34		swallowed. Toxic	dust or mist. IF	
	X		in contact with	SWALLOWED:	
	(工事)		skin. Causes	Call a POISON	
			severe skin	CENTER/doctor	
			burns and eye	if you feel	
			damage.	unwell. Rinse	
			Harmful to	mouth. Store	
			aquatic life.	locked up.	
				Dispose of	
				contents/	
				container to an	
				approved waste	
				disposal plant.	
				Wash skin	
				thoroughly after	
				handling. IF	
				SWALLOWED:	
				Rinse mouth. Do	
				NOT induce	
				vomiting. Do	
				not eat, drink or	
				smoke when	
				using this	
				product. IF ON	
				SKIN (or hair):	
				Take off	
				immediately all	
				contaminated	
				clothing. Rinse	
				skin with	
				water/shower.	
				Avoid release to	
				the	
				environment. IF	
				INHALED:	
				Remove person	

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to fresh air and
keep
comfortable for
breathing.
Immediately call
a POISON '
CENTER/doctor.
Wear protective
gloves/
protective
clothing/ eye
protection/ face
protection, It IN
EYES: Rinse
cautiously with
water for
several minutes.
Remove contact
lenses, if
present and
easy to do.
Continue
rinsing.
Immediately call
a POISON
CENTER/doctor.
Take off
contaminated
clothing and
wash before
reuse.

Heptanoic aci	Heptanoic acid						
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information		
		Danger	Causes severe skin burns and eye damage. Harmful if inhaled. May cause respiratory irritation. Harmful to aquatic life.	Do not breathe dust or mist. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/ container to an approved waste disposal plant. Wash skin thoroughly after handling. IF ON SKIN (or hair): Take off			

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immediately all
contaminated
clothing. Rinse
skin with
water/shower.
Store locked up.
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.
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.
Immediately call
a POISON
CENTER/doctor.
Wear protective
gloves/
protective
clothing/ eye
protection/ face
protection.
Wash
contaminated
clothing before
reuse.

(S)-(?)-2-Hydroxyisocaproic acid						
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental	
identifier		word	statements	statements	information	
					Not a hazardous	
					substance or	
					mixture.	

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Octanoic acid					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier					information
identifier		word Danger	statements Causes severe skin burns and eye damage. Harmful to aquatic life.	statements Do not breathe dust or mist. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Store locked up. Dispose of contents/ container to an approved waste disposal plant. Wash skin thoroughly after handling. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Avoid release to the environment. 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. Immediately call a POISON	information

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		CENTER/doctor. Wash	
		contaminated	
		clothing before	
		reuse.	

Lauric acid							
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental		
identifier		word	statements	statements	information		
		Warning	Causes serious	Wash skin			
			eye irritation.	thoroughly after			
	Ť		Toxic to aquatic	handling. IF IN			
			life.	EYES: Rinse			
				cautiously with			
				water for			
				several minutes.			
				Remove contact			
				lenses, if			
				present and			
				easy to do.			
				Continue			
				rinsing. Dispose			
				of contents/			
				container to an			
				approved waste			
				disposal plant.			
				Avoid release to			
				the environment. If			
				eye irritation			
				persists: Get medical advice/			
				attention.			
				Wear eye			
				protection/ face			
				protection, race			
				protection.	1		

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

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

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?-Linolenic a	cid				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier			statements	statements	information
		Signal word Warning			Supplemental information

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

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

13Z,16Z-doc	13Z,16Z-docosadienoic acid					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental	
identifier		word	statements	statements	information	
					Not a hazardous	
					substance or	
					mixture.	

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

Butyric acid	I				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		word	statements	statements	information
		Danger	Combustible	Keep away	
			liquid. Harmful if	from	
	X		swallowed.	heat/sparks/ope	
	(!)		Causes severe	n flames/hot	
			skin burns and	surfaces. No	
			eye damage.	smoking. IF	
				SWALLOWED:	
				Call a POISON	
				CENTER/doctor	
				if you feel	
				unwell. Rinse	
				mouth. Store in	
				a well-ventilated	
				place. Keep	
				cool. Dispose of	
				contents/	
				container to an	
				approved waste	
				disposal plant.	
				Do not breathe	

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	dust or mist. IF
	SWALLOWED:
	Rinse mouth. Do
	NOT induce
	vomiting. Store
	locked up.
	Wash skin
	thoroughly after
	handling. IF ON
	SKIN (or hair):
	Take off
	immediately all
	contaminated
	clothing. Rinse
	skin with
	water/shower.
	Do not eat,
	drink or smoke
	when using this
	product. 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.
	Immediately call
	a POISON '
	CENTER/doctor.
	Wash
	contaminated
	clothing before
	reuse. In
	case of fire: Use
	dry sand, dry
	chemical or
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	alcohol-resistant
	foam to
	extinguish.

Isovaleric a		T =	1	12	T =
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
dentifier		word	statements	statements	information
		Danger	Combustible	Keep away	
			liquid. Causes	from	
	•		severe skin	heat/sparks/ope	
			burns and eye	n flames/hot	
			damage.	surfaces. No	
			Harmful to	smoking. IF	
			aquatic life.	SWALLOWED:	
			aquatic inci	Rinse mouth. Do	
				NOT induce	
				vomiting. Store	
				in a well-	
				ventilated place.	
				Keep cool.	
				Dispose of	
				contents/	
				container to an	
				approved waste	
				disposal plant.	
				Do not breathe	
			dust or mist. IF		
				ON SKIN (or	
				hair): Take off	
				immediately all	
				contaminated	
				clothing. Rinse	
				skin with	
				water/shower.	
				Store locked up.	
				Wash skin	
			thoroughly after		
			handling. IF		
				INHALED:	
				Remove person	
				to fresh air and	
				keep	
				comfortable for	
				breathing.	
				Immediately call	
				a POISON	
				CENTER/doctor.	
				Avoid release to	
				the	
				environment. IF	
				IN EYES: Rinse	
				cautiously with	
				water for	
				several minutes.	
				Remove contact	

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longon if
lenses, if
present and
easy to do.
Continue
rinsing.
Immediately call
a POISON
CENTER/doctor.
Wear protective
gloves/
protective
clothing/ eye
protection/ face
protection.
Wash
contaminated
clothing before
reuse. In
case of fire: Use
dry sand, dry
chemical or
alcohol-resistant
foam to
extinguish.

trans-3-Hex Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier	riccogram	word	statements	statements	information
identifie		Danger	Causes severe skin burns and eye damage.	Do not breathe dust or mist. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Store locked up. Dispose of contents/ container to an approved waste disposal plant. Wash skin thoroughly after handling. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wear protective gloves/ protective clothing/ eye protection/ face	Information

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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.	
Immediately call	
a POISON	
CENTER/doctor.	
Wash	
contaminated	
clothing before	
reuse.	

Nonanoic acid					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		word	statements	statements	information
	1	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 soap and water. Dispose of contents/ container to an approved waste disposal plant. 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. If
eye irritation
persists: Get
medical advice/
attention.
Take off
contaminated
clothing and
wash before
reuse.

Azelaic acid						
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information	
identifier.		Warning	Causes serious eye irritation. Harmful to aquatic life with long lasting effects.	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. Dispose of contents/ container to an approved waste disposal plant. Avoid release to the environment. If eye irritation persists: Get medical advice/ attention. Wear eye protection/ face protection.		

9(Z),11(E),13(E)-Octadecatrienoic Acid					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		word	statements	statements	information Not a hazardous
					substance or

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		mixture

trans-Vaccen		1			T
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		word	statements	statements	information
	Pictogram	_		_	Supplemental information

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				medical advice/	
				attention. If	
				eye irritation	
				persists: Get	
				medical advice/	
				attention.	
				Take off	
				contaminated	
				clothing and	
				wash before	
				reuse.	
Ricinoleic a	ocid				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier	rictogram	word	statements	statements	information
identifier		Word	Statements	Statements	Not a hazardous
					substance or
					mixture.
	,		<u> </u>	<u>'</u>	
Aleuritic ac	id				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		word	statements	statements	information
					Not a hazardous
					substance or
					mixture.
cis-7.10.13	,16-Docosatet	raenoic ac	id		
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		word	statements	statements	information
					Not a hazardous
					substance or
					mixture.
Docosatrie		C:I	11	Dunganation	Complemental
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		word	statements	statements	information
					Not a hazardous
					substance or mixture.
					illixture.
Erucic acid					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		word	statements	statements	information
					Not a hazardous
	1	I	Ī		1

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

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