

SAFETY DATA SHEET

Version 6.15
Revision Date 09/08/2024
Print Date 09/09/2024

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifiers**

Product name : Organic Acid Metabolite Library of Standards

Product Number : OAMLS

Brand : Sigma

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

Identified uses : Laboratory chemicals, Synthesis of substances

Uses advised against : The product is being supplied under the TSCA R&D Exemption (40 CFR Section 720.36). It is the recipient's responsibility to comply with the requirements of the R&D exemption. The product may not be used for a non-exempt commercial purpose under TSCA unless appropriate consent is granted in writing by MilliporeSigma.

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich Inc.
3050 SPRUCE ST
ST. LOUIS MO 63103
UNITED STATES

Telephone : +1 314 771-5765

Fax : +1 800 325-5052

1.4 Emergency telephone

Emergency Phone # : 800-424-9300 CHEMTREC (USA) +1-703-527-3887 CHEMTREC (International) 24 Hours/day; 7 Days/week

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.

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SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

Acute toxicity, Oral (Category 3), H301

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Acute toxicity, Inhalation (Category 4), H332
 Acute toxicity, Dermal (Category 4), H312
 Skin corrosion (Category 1A), H314
 Serious eye damage (Category 1), H318
 Skin sensitization (Category 1), H317
 Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335
 Specific target organ toxicity - repeated exposure, Inhalation (Category 1), Lungs, H372
 Short-term (acute) aquatic hazard (Category 3), H402
 Long-term (chronic) aquatic hazard (Category 3), H412

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

2.2 GHS Label elements, including precautionary statements

Pictogram



Signal Word

Danger

Hazard Statements

H301	Toxic if swallowed.
H312 + H332	Harmful in contact with skin or if inhaled.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.
H372	Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled.
H412	Harmful to aquatic life with long lasting effects.

Precautionary Statements

P260	Do not breathe mist or vapors.
P264	Wash skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing must not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301 + P310 + P330	IF SWALLOWED: Immediately call a POISON CENTER/ doctor. Rinse mouth.
P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304 + P340 + P310	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.
P305 + P351 + P338 + P310	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.
P314	Get medical advice/ attention if you feel unwell.
P333 + P313	If skin irritation or rash occurs: Get medical advice/ attention.
P363	Wash contaminated clothing before reuse.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

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

SECTION 3: Composition/information on ingredients

Refer to component SDS

SECTION 4: First aid measures

Refer to component SDS

SECTION 5: Firefighting measures

Refer to component SDS

SECTION 6: Accidental release measures

Refer to component SDS

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

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

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.

Tightly closed. Keep in a well-ventilated place. Keep locked up or in an area accessible only to qualified or authorized persons.

Storage stability Recommended storage temperature

-20 °C

Storage class

Storage class (TRGS 510): 6.1C: Combustible, acute toxic Cat.3 / toxic compounds or compounds which causing chronic effects

7.3 Specific end use(s)

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

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SECTION 8: Exposure controls/personal protection

Refer to component SDS

SECTION 9: Physical and chemical properties

Refer to component SDS

SECTION 10: Stability and reactivity

Refer to component SDS

SECTION 11: Toxicological information

Refer to component SDS

SECTION 12: Ecological information

Refer to component SDS

SECTION 13: Disposal considerations

Refer to component SDS

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

UN number: 3316 Class: 9 Packing group: II
Proper shipping name: Chemical kits
Reportable Quantity (RQ): 5000 lbs
Poison Inhalation Hazard: No

IMDG

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

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Proper shipping name: CHEMICAL KIT

IATA

UN number: 3316 Class: 9

Packing group: II

Proper shipping name: Chemical kit

SECTION 15: Regulatory information

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Fumaric acid	110-17-8	5000	5000
Benzoic acid	65-85-0	5000	5000
Adipic acid	124-04-9	5000	5000
Maleic acid	110-16-7	5000	5000

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

US State Regulations

Massachusetts Right To Know

2-Hydroxyisocaproic acid	498-36-2
L-?-Hydroxyglutaric acid disodium salt	63512-50-5
L-(+)-Tartaric acid	87-69-4
2-Hydroxyphenylacetic acid	614-75-5
N-(2-Methylbutyryl)glycine	52320-67-9
Disodium (2RS)-2-hydroxyadipate	Not Assigned
3-(4-Hydroxyphenyl)propionic acid	501-97-3
(E)-2-Octenedioic Acid	124791-62-4
2-Isopropylmalic acid	3237-44-3
Indole-3-butyric acid	133-32-4
Trisodium 2-methylcitrate, racemic mixture of diastereomers	117041-96-0
Phytic acid sodium salt hydrate	14306-25-3
2-Oxobutyric acid	600-18-0
(R)-3-Hydroxybutyric acid	625-72-9
4-Methyl-2-oxovaleric acid	816-66-0
Oxaloacetic acid	328-42-7
?-Ketoglutaric acid	328-50-7
2-Oxoadipic acid	3184-35-8
3-Hydroxy-3-methylglutaric acid	503-49-1
3-Hydroxymandelic acid	17119-15-2
Tricarballic acid	99-14-9
?-(m-Hydroxyphenyl)hydracrylic Acid	3247-75-4
Indole-3-propionic acid	830-96-6
DL-Vanillactic acid lithium salt hydrate	Not Assigned
?-Aminobutyric acid	56-12-2
3-Hydroxy-2-methylbutanoic Acid	473-86-9
3-Methylglutaric acid	626-51-7
3-Hydroxyglutaric acid	638-18-6
m-Tolylacetic acid	621-36-3

3-Methylcrotonyl Glycine	33008-07-0
3-Methyladipic acid	3058-01-3
3-Propylmalic acid	20846-59-7
3-Hydroxysuberlic Acid	73141-47-6
DL-4-Hydroxy-3-methoxymandelic acid	55-10-7
3-Hydroxy Sebacic Acid	73141-46-5
4-Hydroxyhippuric Acid	2482-25-9
Lithium acetoacetate	3483-11-2
L-2-Aminobutyric acid	1492-24-6
?-Keto Isovaleric Acid Sodium Salt	3715-29-5
2-Hydroxy-3-methylbutyric acid	4026-18-0
L-Pyroglutamic acid	98-79-3
5-Aminolevulinic Acid Hydrochloride Salt	5451-09-2
(2S,5R)-trans-5-Hydroxypiperidine-2-carboxylic acid	50439-45-7
4-Hydroxyphenylacetic acid	156-38-7
Allantoin	97-59-6
4-Pyridoxolactone	4753-19-9
cis-Aconitic acid	585-84-2
Xanthurenic acid	59-00-7
Fumaric acid	110-17-8
Benzoic acid	65-85-0
Citraconic acid	498-23-7
Glutaric acid	110-94-1
Adipic acid	124-04-9
2,5-Furandicarboxylic acid	3238-40-2
L-Dihydroorotic acid	5988-19-2
L-Ascorbic acid	50-81-7
Hippuric acid	495-69-2
Citric acid	77-92-9
N-(CINNAMOYL)GLYCINE	16534-24-0
L-Argininosuccinic acid lithium salt	Not Assigned
Maleic acid	110-16-7
Indole-3-carboxaldehyde	487-89-8
Indole-3-carboxylic acid	771-50-6
3,4-Dihydroxyphenylacetic acid	102-32-9
Gallic acid	149-91-7
3-Indoleacetic acid	87-51-4
3-Indoleacrylic acid	1204-06-4
Kynurenic acid	492-27-3
DL-Isocitric acid trisodium salt hydrate	1637-73-6
Indole-3-pyruvic acid	392-12-1
DL-Indole-3-lactic acid	832-97-3
Prephenic acid barium salt	2931-08-0
Methylmalonic acid	516-05-2
Pipecolinic acid	535-75-1
(±)-Mevalonolactone	674-26-0
L-(?)-Malic acid	97-67-6
Phenylacetic acid	103-82-2
(RS)-Mevalonic acid lithium salt	Not Assigned
Orotic acid	65-86-1
Phenylpyruvic acid	156-06-9
D-(+)-3-Phenyllactic acid	7326-19-4

N-Acetyl-L-aspartic acid	997-55-7
(?) Quinic acid	77-95-2
N-Acetyl-L-tyrosine	537-55-3
Sodium (R)-?-hydroxyisobutyrate	1228078-57-6
Succinic acid	110-15-6
Glutaconic acid	1724-02-3
2-Hydroxy-3-methylvaleric acid	488-15-3
4-Imidazoleacrylic acid	104-98-3
2-Furanacetic acid	2745-26-8
Tiglyl Glycine	35842-45-6
4,6-Dioxoheptanoic acid	51568-18-4
3-Hydroxyhexanedioic Acid	14292-29-6
2,3-Pyridinedicarboxylic acid	89-00-9
4-Hydroxyphenylpyruvic acid	156-39-8
DL-p-Hydroxyphenyllactic Acid	306-23-0

Pennsylvania Right To Know

2-Hydroxyisocaproic acid	498-36-2
L-?-Hydroxyglutaric acid disodium salt	63512-50-5
2-Hydroxyphenylacetic acid	614-75-5
N-(2-Methylbutyryl)glycine	52320-67-9
Disodium (2RS)-2-hydroxyadipate	Not Assigned
3-(4-Hydroxyphenyl)propionic acid	501-97-3
(E)-2-Octenedioic Acid	124791-62-4
2-Isopropylmalic acid	3237-44-3
Indole-3-butyric acid	133-32-4
Trisodium 2-methylcitrate, racemic mixture of diastereomers	117041-96-0
2-Oxobutyric acid	600-18-0
(R)-3-Hydroxybutyric acid	625-72-9
4-Methyl-2-oxovaleric acid	816-66-0
Oxaloacetic acid	328-42-7
?-Ketoglutaric acid	328-50-7
2-Oxoadipic acid	3184-35-8
3-Hydroxy-3-methylglutaric acid	503-49-1
3-Hydroxymandelic acid	17119-15-2
Tricarballic acid	99-14-9
?-(m-Hydroxyphenyl)hydracrylic Acid	3247-75-4
Indole-3-propionic acid	830-96-6
DL-Vanillactic acid lithium salt hydrate	Not Assigned
3-Hydroxy-2-methylbutanoic Acid	473-86-9
3-Methylglutaric acid	626-51-7
3-Hydroxyglutaric acid	638-18-6
m-Tolylacetic acid	621-36-3
3-Methylcrotonyl Glycine	33008-07-0
3-Methyladipic acid	3058-01-3
3-Propylmalic acid	20846-59-7
3-Hydroxysuberic Acid	73141-47-6
DL-4-Hydroxy-3-methoxymandelic acid	55-10-7
3-Hydroxy Sebacic Acid	73141-46-5
Lithium acetoacetate	3483-11-2
L-2-Aminobutyric acid	1492-24-6

?-Keto Isovaleric Acid Sodium Salt	3715-29-5
2-Hydroxy-3-methylbutyric acid	4026-18-0
L-Pyroglutamic acid	98-79-3
5-Aminolevulinic Acid Hydrochloride Salt	5451-09-2
(2S,5R)-trans-5-Hydroxypiperidine-2-carboxylic acid	50439-45-7
4-Hydroxyphenylacetic acid	156-38-7
4-Pyridoxolactone	4753-19-9
Xanthurenic acid	59-00-7
Fumaric acid	110-17-8
Benzoic acid	65-85-0
Citraconic acid	498-23-7
Adipic acid	124-04-9
2,5-Furandicarboxylic acid	3238-40-2
L-Dihydroorotic acid	5988-19-2
L-Ascorbic acid	50-81-7
Hippuric acid	495-69-2
N-(CINNAMOYL)GLYCINE	16534-24-0
L-Argininosuccinic acid lithium salt	Not Assigned
Maleic acid	110-16-7
Indole-3-carboxaldehyde	487-89-8
Indole-3-carboxylic acid	771-50-6
3,4-Dihydroxyphenylacetic acid	102-32-9
Gallic acid	149-91-7
3-Indoleacetic acid	87-51-4
3-Indoleacrylic acid	1204-06-4
Kynurenic acid	492-27-3
DL-Isocitric acid trisodium salt hydrate	1637-73-6
Indole-3-pyruvic acid	392-12-1
DL-Indole-3-lactic acid	832-97-3
Prephenic acid barium salt	2931-08-0
Methylmalonic acid	516-05-2
Pipecolinic acid	535-75-1
(±)-Mevalonolactone	674-26-0
Phenylacetic acid	103-82-2
(RS)-Mevalonic acid lithium salt	Not Assigned
Orotic acid	65-86-1
Phenylpyruvic acid	156-06-9
D-(+)-3-Phenyllactic acid	7326-19-4
N-Acetyl-L-aspartic acid	997-55-7
Sodium (R)-?-hydroxyisobutyrate	1228078-57-6
Glutaconic acid	1724-02-3
2-Hydroxy-3-methylvaleric acid	488-15-3
4-Imidazoleacrylic acid	104-98-3
2-Furanacetic acid	2745-26-8
Tiglyl Glycine	35842-45-6
4,6-Dioxoheptanoic acid	51568-18-4
3-Hydroxyhexanedioic Acid	14292-29-6
2,3-Pyridinedicarboxylic acid	89-00-9
DL-p-Hydroxyphenyllactic Acid	306-23-0
Maine Chemicals of High Concern	
L-(+)-Tartaric acid	87-69-4

Phytic acid sodium salt hydrate	14306-25-3
?-Aminobutyric acid	56-12-2
4-Hydroxyhippuric Acid	2482-25-9
Lithium acetoacetate	3483-11-2
Allantoin	97-59-6
cis-Aconitic acid	585-84-2
Fumaric acid	110-17-8
Glutaric acid	110-94-1
Adipic acid	124-04-9
Citric acid	77-92-9
Maleic acid	110-16-7
L-(?)-Malic acid	97-67-6
(?) Quinic acid	77-95-2
N-Acetyl-L-tyrosine	537-55-3
Succinic acid	110-15-6
4-Hydroxyphenylpyruvic acid	156-39-8

Vermont Chemicals of High Concern

L-(+)-Tartaric acid	87-69-4
Phytic acid sodium salt hydrate	14306-25-3
?-Aminobutyric acid	56-12-2
4-Hydroxyhippuric Acid	2482-25-9
Lithium acetoacetate	3483-11-2
Allantoin	97-59-6
cis-Aconitic acid	585-84-2
Fumaric acid	110-17-8
Glutaric acid	110-94-1
Adipic acid	124-04-9
Citric acid	77-92-9
Maleic acid	110-16-7
L-(?)-Malic acid	97-67-6
(?) Quinic acid	77-95-2
N-Acetyl-L-tyrosine	537-55-3
Succinic acid	110-15-6
4-Hydroxyphenylpyruvic acid	156-39-8

Washington Chemicals of High Concern

L-(+)-Tartaric acid	87-69-4
Phytic acid sodium salt hydrate	14306-25-3
?-Aminobutyric acid	56-12-2
4-Hydroxyhippuric Acid	2482-25-9
Lithium acetoacetate	3483-11-2
Allantoin	97-59-6
cis-Aconitic acid	585-84-2
Fumaric acid	110-17-8
Glutaric acid	110-94-1
Adipic acid	124-04-9
Citric acid	77-92-9
Maleic acid	110-16-7
L-(?)-Malic acid	97-67-6
(?) Quinic acid	77-95-2
N-Acetyl-L-tyrosine	537-55-3

Succinic acid	110-15-6
4-Hydroxyphenylpyruvic acid	156-39-8

The ingredients of this product are reported in the following inventories:

TSCA : Product contains substance(s) not listed on TSCA inventory.

TSCA list

The following substance(s) is/are subject to a Significant New Use Rule:

Prephenic acid barium salt	2931-08-0
DL-Indole-3-lactic acid	832-97-3
Indole-3-pyruvic acid	392-12-1
DL-Isocitric acid trisodium salt hydrate	1637-73-6
Kynurenic acid	492-27-3
3-Indoleacrylic acid	1204-06-4
3-Indoleacetic acid	87-51-4
Gallic acid	149-91-7
3,4-Dihydroxyphenylacetic acid	102-32-9
Indole-3-carboxylic acid	771-50-6
Indole-3-carboxaldehyde	487-89-8
Maleic acid	110-16-7
L-Argininosuccinic acid lithium salt	Not Assigned
N-(CINNAMOYL)GLYCINE	16534-24-0
Citric acid	77-92-9
Hippuric acid	495-69-2
L-Ascorbic acid	50-81-7
L-Dihydroorotic acid	5988-19-2
2,5-Furandicarboxylic acid	3238-40-2
Adipic acid	124-04-9
Glutaric acid	110-94-1
Citraconic acid	498-23-7
Benzoic acid	65-85-0
Fumaric acid	110-17-8
DL-p-Hydroxyphenyllactic Acid	306-23-0
4-Hydroxyphenylpyruvic acid	156-39-8
2,3-Pyridinedicarboxylic acid	89-00-9
3-Hydroxyhexanedioic Acid	14292-29-6
4,6-Dioxoheptanoic acid	51568-18-4
Tiglyl Glycine	35842-45-6
2-Furanacetic acid	2745-26-8
4-Imidazoleacrylic acid	104-98-3
2-Hydroxy-3-methylvaleric acid	488-15-3
Glutaconic acid	1724-02-3
Succinic acid	110-15-6
Sodium (R)-?-hydroxyisobutyrate	1228078-57-6
N-Acetyl-L-tyrosine	537-55-3
(?) Quinic acid	77-95-2
N-Acetyl-L-aspartic acid	997-55-7

D-(+)-3-Phenyllactic acid	7326-19-4
Phenylpyruvic acid	156-06-9
Orotic acid	65-86-1
(RS)-Mevalonic acid lithium salt	Not Assigned
Phenylacetic acid	103-82-2
L-(?)-Malic acid	97-67-6
(±)-Mevalonolactone	674-26-0
Pipecolinic acid	535-75-1
Methylmalonic acid	516-05-2
DL-Vanillactic acid lithium salt hydrate	Not Assigned
Indole-3-propionic acid	830-96-6
?-(m-Hydroxyphenyl)hydracrylic Acid	3247-75-4
Tricarballic acid	99-14-9
3-Hydroxymandelic acid	17119-15-2
3-Hydroxy-3-methylglutaric acid	503-49-1
2-Oxadipic acid	3184-35-8
?-Ketoglutaric acid	328-50-7
Oxaloacetic acid	328-42-7
4-Methyl-2-oxovaleric acid	816-66-0
(R)-3-Hydroxybutyric acid	625-72-9
2-Oxobutyric acid	600-18-0
Phytic acid sodium salt hydrate	14306-25-3
Trisodium 2-methylcitrate, racemic mixture of diastereomers	117041-96-0
Indole-3-butyric acid	133-32-4
2-Isopropylmalic acid	3237-44-3
(E)-2-Octenedioic Acid	124791-62-4
3-(4-Hydroxyphenyl)propionic acid	501-97-3
Disodium (2RS)-2-hydroxyadipate	Not Assigned
N-(2-Methylbutyryl)glycine	52320-67-9
2-Hydroxyphenylacetic acid	614-75-5
L-(+)-Tartaric acid	87-69-4
L-?-Hydroxyglutaric acid disodium salt	63512-50-5
2-Hydroxyisocaproic acid	498-36-2
Xanthurenic acid	59-00-7
cis-Aconitic acid	585-84-2
4-Pyridoxolactone	4753-19-9
Allantoin	97-59-6
4-Hydroxyphenylacetic acid	156-38-7
(2S,5R)-trans-5-Hydroxypiperidine-2-carboxylic acid	50439-45-7
5-Aminolevulinic Acid Hydrochloride Salt	5451-09-2
L-Pyroglutamic acid	98-79-3

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2-Hydroxy-3-methylbutyric acid	4026-18-0
?-Keto Isovaleric Acid Sodium Salt	3715-29-5
L-2-Aminobutyric acid	1492-24-6
Lithium acetoacetate	3483-11-2
4-Hydroxyhippuric Acid	2482-25-9
3-Hydroxy Sebacic Acid	73141-46-5
DL-4-Hydroxy-3-methoxymandelic acid	55-10-7
3-Hydroxysuberic Acid	73141-47-6
3-Propylmalic acid	20846-59-7
3-Methyladipic acid	3058-01-3
3-Methylcrotonyl Glycine	33008-07-0
m-Tolylacetic acid	621-36-3
3-Hydroxyglutaric acid	638-18-6
3-Methylglutaric acid	626-51-7
3-Hydroxy-2-methylbutanoic Acid	473-86-9
?-Aminobutyric acid	56-12-2

The following substance(s) is/are subject to TSCA 12(b) export notification requirements:

Prephenic acid barium salt	2931-08-0
DL-Indole-3-lactic acid	832-97-3
Indole-3-pyruvic acid	392-12-1
DL-Isocitric acid trisodium salt hydrate	1637-73-6
Kynurenic acid	492-27-3
3-Indoleacrylic acid	1204-06-4
3-Indoleacetic acid	87-51-4
Gallic acid	149-91-7
3,4-Dihydroxyphenylacetic acid	102-32-9
Indole-3-carboxylic acid	771-50-6
Indole-3-carboxaldehyde	487-89-8
Maleic acid	110-16-7
L-Argininosuccinic acid lithium salt	Not Assigned
N-(CINNAMOYL)GLYCINE	16534-24-0
Citric acid	77-92-9
Hippuric acid	495-69-2
L-Ascorbic acid	50-81-7
L-Dihydroorotic acid	5988-19-2
2,5-Furandicarboxylic acid	3238-40-2
Adipic acid	124-04-9
Glutaric acid	110-94-1
Citraconic acid	498-23-7
Benzoic acid	65-85-0
Fumaric acid	110-17-8
DL-p-Hydroxyphenyllactic Acid	306-23-0
4-Hydroxyphenylpyruvic acid	156-39-8
2,3-Pyridinedicarboxylic acid	89-00-9
3-Hydroxyhexanedioic Acid	14292-29-6
4,6-Dioxoheptanoic acid	51568-18-4

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Tiglyl Glycine	35842-45-6
2-Furanacetic acid	2745-26-8
4-Imidazoleacrylic acid	104-98-3
2-Hydroxy-3-methylvaleric acid	488-15-3
Glutaconic acid	1724-02-3
Succinic acid	110-15-6
Sodium (R)-?-hydroxyisobutyrate	1228078-57-6
N-Acetyl-L-tyrosine	537-55-3
(?) Quinic acid	77-95-2
N-Acetyl-L-aspartic acid	997-55-7
D-(+)-3-Phenyllactic acid	7326-19-4
Phenylpyruvic acid	156-06-9
Orotic acid	65-86-1
(RS)-Mevalonic acid lithium salt	Not Assigned
Phenylacetic acid	103-82-2
L-(?)-Malic acid	97-67-6
(±)-Mevalonolactone	674-26-0
Pipecolinic acid	535-75-1
Methylmalonic acid	516-05-2
DL-Vanillactic acid lithium salt hydrate	Not Assigned
Indole-3-propionic acid	830-96-6
?(m-Hydroxyphenyl)hydracrylic Acid	3247-75-4
Tricarballic acid	99-14-9
3-Hydroxymandelic acid	17119-15-2
3-Hydroxy-3-methylglutaric acid	503-49-1
2-Oxoadipic acid	3184-35-8
?-Ketoglutaric acid	328-50-7
Oxaloacetic acid	328-42-7
4-Methyl-2-oxovaleric acid	816-66-0
(R)-3-Hydroxybutyric acid	625-72-9
2-Oxobutyric acid	600-18-0
Phytic acid sodium salt hydrate	14306-25-3
Trisodium 2-methylcitrate, racemic mixture of diastereomers	117041-96-0
Indole-3-butyric acid	133-32-4
2-Isopropylmalic acid	3237-44-3
(E)-2-Octenedioic Acid	124791-62-4
3-(4-Hydroxyphenyl)propionic acid	501-97-3
Disodium (2RS)-2-hydroxyadipate	Not Assigned
N-(2-Methylbutyryl)glycine	52320-67-9
2-Hydroxyphenylacetic acid	614-75-5
L-(+)-Tartaric acid	87-69-4
L?-Hydroxyglutaric acid disodium salt	63512-50-5
2-Hydroxyisocaproic acid	498-36-2

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Xanthurenic acid	59-00-7
cis-Aconitic acid	585-84-2
4-Pyridoxolactone	4753-19-9
Allantoin	97-59-6
4-Hydroxyphenylacetic acid	156-38-7
(2S,5R)-trans-5-Hydroxypiperidine-2-carboxylic acid	50439-45-7
5-Aminolevulinic Acid Hydrochloride Salt	5451-09-2
L-Pyroglutamic acid	98-79-3
2-Hydroxy-3-methylbutyric acid	4026-18-0
?-Keto Isovaleric Acid Sodium Salt	3715-29-5
L-2-Aminobutyric acid	1492-24-6
Lithium acetoacetate	3483-11-2
4-Hydroxyhippuric Acid	2482-25-9
3-Hydroxy Sebacic Acid	73141-46-5
DL-4-Hydroxy-3-methoxymandelic acid	55-10-7
3-Hydroxysebacic Acid	73141-47-6
3-Propylmalic acid	20846-59-7
3-Methyladipic acid	3058-01-3
3-Methylcrotonyl Glycine	33008-07-0
m-Tolylacetic acid	621-36-3
3-Hydroxyglutaric acid	638-18-6
3-Methylglutaric acid	626-51-7
3-Hydroxy-2-methylbutanoic Acid	473-86-9
?-Aminobutyric acid	56-12-2

SECTION 16: Other information

Kit Components:

2-Hydroxyisocaproic acid
L-?-Hydroxyglutaric acid disodium salt

L-(+)-Tartaric acid

2-Hydroxyphenylacetic acid
N-(2-Methylbutyryl)glycine Disodium (2RS)-2-hydroxyadipate
3-(4-Hydroxyphenyl)propionic acid
(E)-2-Octenedioic Acid
2-Isopropylmalic acid
Indole-3-butyric acid

Eye Dam. 1; Aquatic Acute 3; H318, H402
Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H315, H319, H335
Skin Irrit. 2; Eye Irrit. 2A; H315, H319

Acute Tox. 3; Skin Irrit. 2; Eye

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Trisodium 2-
methylcitrate, racemic
mixture of diastereomers
Phytic acid sodium salt
hydrate
2-Oxobutyric acid

(R)-3-Hydroxybutyric
acid
4-Methyl-2-oxovaleric
acid
Oxaloacetic acid

?-Ketoglutaric acid
2-Oxoadipic acid

3-Hydroxy-3-
methylglutaric acid
3-Hydroxymandelic acid
Tricarballic acid

?-(m-
Hydroxyphenyl)hydracryl
ic Acid

Indole-3-propionic acid
DL-Vanillactic acid
lithium salt hydrate
?-Aminobutyric acid
3-Hydroxy-2-
methylbutanoic Acid
3-Methylglutaric acid
3-Hydroxyglutaric acid
m-Tolylacetic acid
3-Methylcrotonyl Glycine
3-Methyladipic acid

3-Propylmalic acid
3-Hydroxysuberic Acid
DL-4-Hydroxy-3-
methoxymandelic acid
3-Hydroxy Sebacic Acid

4-Hydroxyhippuric Acid
Lithium acetoacetate
L-2-Aminobutyric acid
?-Keto Isovaleric Acid
Sodium Salt
2-Hydroxy-3-
methylbutyric acid

Irrit. 2A; STOT SE 3; Aquatic
Acute 3; Aquatic Chronic 3;
H301, H315, H319, H335, H412

Acute Tox. 4; Aquatic Acute 3;
H302, H402
Skin Corr. 1B; Eye Dam. 1;
H314

Skin Corr. 1B; Eye Dam. 1;
H314
Eye Irrit. 2A; Aquatic Acute 3;
H319, H402
Eye Dam. 1; H318
Skin Irrit. 2; Eye Irrit. 2A; H315,
H319

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

Skin Irrit. 2; Eye Irrit. 2A; H315,
H319

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

Skin Irrit. 2; Eye Irrit. 2A; H315,
H319

Skin Sens. 1; H317
Acute Tox. 4; H302

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

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L-Pyroglutamic acid	Eye Dam. 1; Aquatic Acute 3; Aquatic Chronic 3; H318, H412
5-Aminolevulinic Acid Hydrochloride Salt (2S,5R)-trans-5- Hydroxypiperidine-2- carboxylic acid	
4-Hydroxyphenylacetic acid	Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H315, H319, H335
Allantoin	
4-Pyridoxolactone	Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H315, H319, H335
cis-Aconitic acid	Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H315, H319, H335
Xanthurenic acid	
Fumaric acid	Eye Irrit. 2A; H319
Benzoic acid	Skin Irrit. 2; Eye Dam. 1; STOT RE 1; Aquatic Acute 3; H315, H318, H372, H402
Citraconic acid	Acute Tox. 4; H302
Glutaric acid	Skin Corr. 1A; Eye Dam. 1; H314
Adipic acid	Eye Dam. 1; Aquatic Acute 3; H318, H402
2,5-Furandicarboxylic acid	Eye Irrit. 2A; H319
L-Dihydroorotic acid	Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H315, H319, H335
L-Ascorbic acid	;
Hippuric acid	
Citric acid	Eye Irrit. 2A; STOT SE 3; H319, H335
N-(CINNAMOYL)GLYCINE	Acute Tox. 4; H302
L-Argininosuccinic acid lithium salt	
Maleic acid	; Acute Tox. 4; Skin Irrit. 2; Eye Dam. 1; Skin Sens. 1; STOT SE 3; Aquatic Acute 3; , H302 + H312, H315, H317, H318, H335, H402
Indole-3-carboxaldehyde	
Indole-3-carboxylic acid	
3,4- Dihydroxyphenylacetic acid	Skin Irrit. 2; Eye Irrit. 2A; H315, H319
Gallic acid	Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H315, H319, H335
3-Indoleacetic acid	
3-Indoleacrylic acid	Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H315, H319, H335
Kynurenic acid	
DL-Isocitric acid	

trisodium salt hydrate Indole-3-pyruvic acid	Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H315, H319, H335
DL-Indole-3-lactic acid Prephenic acid barium salt Methylmalonic acid	Acute Tox. 4; H302 + H332
Pipecolinic acid	Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H315, H319, H335 Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H315, H319, H335
(±)-Mevalonolactone L-(?)-Malic acid	Skin Irrit. 2; Eye Irrit. 2A; H315, H319 Eye Irrit. 2A; H319
Phenylacetic acid (RS)-Mevalonic acid lithium salt Orotic acid	Acute Tox. 4; Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H302, H315, H319, H335
Phenylpyruvic acid D-(+)-3-Phenyllactic acid N-Acetyl-L-aspartic acid (?) Quinic acid N-Acetyl-L-tyrosine Sodium (R)-?- hydroxyisobutyrate Succinic acid	Eye Irrit. 2A; H319
Glutaconic acid 2-Hydroxy-3- methylvaleric acid 4-Imidazoleacrylic acid 2-Furanacetic acid	Eye Dam. 1; Aquatic Acute 3; H318, H402
Tiglyl Glycine 4,6-Dioxoheptanoic acid 3-Hydroxyhexanedioic Acid 2,3-Pyridinedicarboxylic acid 4-Hydroxyphenylpyruvic acid DL-p- Hydroxyphenyllactic Acid	Acute Tox. 4; Skin Irrit. 2; Eye Dam. 1; STOT SE 3; H302, H315, H318, H335
	Eye Irrit. 2A; STOT SE 3; H319, H335

Further information

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Version: 6.15


Revision Date: 09/08/2024


Print Date: 09/09/2024

Kit Components:


2-Hydroxyisocaproic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

L-?-Hydroxyglutaric acid disodium salt					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

L-(+)-Tartaric acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Danger	Causes serious eye damage. Harmful to aquatic life.	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. Dispose of contents/ container to an approved waste disposal plant. Wear eye protection/ face protection.	

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

				occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse.	
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N-(2-Methylbutyryl)glycine					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	Causes skin irritation. Causes serious eye irritation.	Wash skin thoroughly after handling. IF ON SKIN: Wash with plenty of soap and water. Wear protective gloves/ eye protection/ face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse.	

Disodium (2RS)-2-hydroxyadipate					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

3-(4-Hydroxyphenyl)propionic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.


(E)-2-Octenedioic Acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.


2-Isopropylmalic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

Indole-3-butyric acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Danger	Toxic if swallowed. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. Harmful to aquatic life with long lasting effects.	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. IF SWALLOWED: Immediately call a POISON CENTER/ doctor. Rinse mouth. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/ container to an approved waste disposal plant. Wash skin thoroughly after	

				<p>handling. IF ON SKIN: Wash with plenty of soap and water. Store locked up. Do not eat, drink or smoke when using this product. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. 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. Avoid release to the environment. 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 clothing and wash before reuse.</p>	
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Trisodium 2-methylcitrate, racemic mixture of diastereomers					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

Phytic acid sodium salt hydrate					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	Harmful if swallowed. Harmful to aquatic life.	Wash skin thoroughly after handling. IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth. Dispose of contents/ container to an approved waste disposal plant. Do not eat, drink or smoke when using this product. Avoid release to the environment.	


2-Oxobutyric acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Danger	Causes severe skin burns and eye damage.	Do not breathe dusts or mists. 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	

				<p>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.</p>	
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(R)-3-Hydroxybutyric acid


Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.


4-Methyl-2-oxovaleric acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Danger	Causes severe skin burns and eye damage.	Do not breathe dusts or mists. IF SWALLOWED:	

				<p>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 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.</p>	
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Oxaloacetic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	Causes serious eye irritation. Harmful to aquatic life.	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.	

?-Ketoglutaric 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. Immediately call a POISON CENTER/ doctor.	

2-Oxoadipic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	Causes skin irritation. Causes serious eye irritation.	Wash skin thoroughly after handling. IF ON SKIN: Wash with plenty of soap and water. Wear protective gloves/ eye protection/ face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash before reuse.	

3-Hydroxy-3-methylglutaric acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

3-Hydroxymandelic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

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

				occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse.	
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?-(m-Hydroxyphenyl)hydracrylic Acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

Indole-3-propionic acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.


DL-Vanillactic acid lithium salt hydrate

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

?-Aminobutyric acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

3-Hydroxy-2-methylbutanoic Acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	Causes skin irritation. Causes serious eye irritation.	Wash skin thoroughly after handling. IF ON SKIN: Wash with plenty of soap and water. Wear protective	

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

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.


3-Hydroxyglutaric acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

m-Tolylacetic acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

3-Methylcrotonyl Glycine					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

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

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

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.


3-Hydroxysuberic Acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

DL-4-Hydroxy-3-methoxymandelic acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

3-Hydroxy Sebacic Acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	Causes skin irritation. Causes serious eye irritation.	Wash skin thoroughly after handling. IF ON SKIN: Wash with plenty of soap and water.	


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

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.


Lithium acetoacetate

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

L-2-Aminobutyric acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	May cause an allergic skin reaction.	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. IF ON SKIN: Wash with plenty of soap and water. Dispose of contents/ container to an approved waste disposal plant. Contaminated work clothing should not be allowed out of the workplace. If skin irritation or rash occurs: Get medical advice/ attention. Wear protective gloves. Wash contaminated clothing before reuse.	

?-Keto Isovaleric Acid Sodium Salt					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	Harmful if swallowed.	Wash skin thoroughly after handling. IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth. Dispose of contents/ container to an approved waste disposal plant. Do not eat, drink or smoke when using this	

				product.	
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2-Hydroxy-3-methylbutyric acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. IF ON SKIN: Wash with plenty of 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	

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				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.	
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L-Pyroglutamic acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Danger	Causes serious eye damage. Harmful to aquatic life with long lasting effects.	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. Dispose of contents/ container to an approved waste disposal plant. Wear eye protection/ face protection.	

5-Aminolevulinic Acid Hydrochloride Salt

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

(2S,5R)-trans-5-Hydroxypiperidine-2-carboxylic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.


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

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

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

4-Pyridoxolactone

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

				<p>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.</p> <p>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wear protective gloves/ eye protection/ face protection. If skin irritation occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash before reuse.</p>	
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cis-Aconitic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. IF ON SKIN: Wash with plenty of soap	


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

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.


Fumaric acid

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


Benzoic acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Danger	Causes skin irritation. Causes serious eye damage. Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled. Harmful to aquatic life.	Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. IF ON SKIN: Wash with plenty of soap and water. Dispose of contents/ container to an approved waste disposal plant. Wash skin thoroughly after	


				<p>handling. 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. Do not eat, drink or smoke when using this product. Get medical advice/ attention if you feel unwell. Avoid release to the environment. If skin irritation occurs: Get medical advice/ attention. Wear protective gloves/ eye protection/ face protection. Take off contaminated clothing and wash before reuse.</p>	
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Citraconic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	Harmful if swallowed.	<p>Wash skin thoroughly after handling. IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth. Dispose of contents/ container to an approved waste</p>	

				disposal plant. Do not eat, drink or smoke when using this product.	
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Glutaric acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Danger	Causes severe skin burns and eye damage.	Do not breathe dusts or mists. 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 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.	
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Adipic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Danger	Causes serious eye damage. Harmful to aquatic life.	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. Dispose of contents/ container to an approved waste disposal plant. Wear eye protection/ face protection.	

2,5-Furandicarboxylic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	Causes serious eye irritation.	Wash skin thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact	

				lenses, if present and easy to do. Continue rinsing. Wear eye protection/ face protection. If eye irritation persists: Get medical advice/ attention.	
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L-Dihydroorotic acid

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

				<p>several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wear protective gloves/ eye protection/ face protection. If skin irritation occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash before reuse.</p>	
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L-Ascorbic acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	May form combustible dust concentrations in air.		


Hippuric acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

Citric acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust. IF INHALED: Remove person to fresh air and keep	

				<p>comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. 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 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 eye irritation persists: Get medical advice/ attention. Wear eye protection/ face protection.</p>	
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N-(CINNAMOYL)GLYCINE					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	Harmful if swallowed.	<p>Wash skin thoroughly after handling. IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth. Dispose of contents/</p>	

				container to an approved waste disposal plant. Do not eat, drink or smoke when using this product.	
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L-Argininosuccinic acid lithium salt

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.


Maleic acid


Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Danger	<p>May form combustible dust concentrations in air.</p> <p>Harmful if swallowed or in contact with skin.</p> <p>Causes skin irritation.</p> <p>May cause an allergic skin reaction.</p> <p>Causes serious eye damage.</p> <p>May cause respiratory irritation.</p> <p>Harmful to aquatic life.</p>	<p>Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.</p> <p>IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth. 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: Wash with plenty of water. Call a POISON CENTER/ doctor if you feel unwell. Store locked up. Do not eat, drink or smoke when using this product. IF</p>	

				<p>INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. Use only outdoors or in a well-ventilated area.</p> <p>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor. Contaminated work clothing must 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/ protective clothing/ eye protection/ face protection.</p>	
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Indole-3-carboxaldehyde					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

Indole-3-carboxylic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

3,4-Dihydroxyphenylacetic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	Causes skin irritation. Causes serious eye irritation.	Wash skin thoroughly after handling. IF ON SKIN: Wash with plenty of soap and water. Wear protective gloves/ eye protection/ face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash before reuse.	


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

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

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

3-Indoleacrylic acid

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


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

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

DL-Isocitric acid trisodium salt hydrate

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.


Indole-3-pyruvic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. IF ON SKIN: Wash with plenty of soap and water. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/ container to an approved waste disposal plant. Wash skin thoroughly after handling. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. Store locked up. Use only outdoors or in a well-ventilated area. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wear protective gloves/ eye protection/ face protection. If skin irritation	

				occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash before reuse.	
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DL-Indole-3-lactic acid


Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

Prephenic acid barium salt


Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	Harmful if swallowed or if inhaled.	Avoid breathing dust/ fume/ gas/ mist/ vapors/ 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 INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. Do not eat, drink or	

				smoke when using this product. Use only outdoors or in a well-ventilated area.	
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Methylmalonic acid

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

				Continue rinsing. Wear protective gloves/ eye protection/ face protection. If skin irritation occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash before reuse.	
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Pipecolinic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. IF ON SKIN: Wash with plenty of 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	

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

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.


L-(?)-Malic acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	<p>Causes skin irritation.</p> <p>Causes serious eye irritation.</p>	<p>Wash skin thoroughly after handling. IF ON SKIN: Wash with plenty of soap and water. Wear protective gloves/ eye</p>	

				protection/ face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash before reuse.	
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Phenylacetic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	Causes serious eye irritation.	Wash skin thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wear eye protection/ face protection. If eye irritation persists: Get medical advice/ attention.	

(RS)-Mevalonic acid lithium salt					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

Orotic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth. 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: Wash with plenty of soap and water. Store locked up. Do not eat, drink or smoke when using this product. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. 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.	
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Phenylpyruvic acid


Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

D-(+)-3-Phenyllactic acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.


N-Acetyl-L-aspartic acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

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

N-Acetyl-L-tyrosine					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

Sodium (R)-?-hydroxyisobutyrate					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

Succinic acid					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Danger	Causes serious eye damage. Harmful to aquatic life.	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. Dispose of contents/ container to an approved waste disposal plant. Wear eye protection/ face protection.	
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Glutaconic acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.


2-Hydroxy-3-methylvaleric acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

4-Imidazoleacrylic acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

2-Furanacetic acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Danger	Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth. Store in a well-ventilated place. Keep container tightly	

				<p>closed. Dispose of contents/ container to an approved waste disposal plant. Wash skin thoroughly after handling. IF ON SKIN: Wash with plenty of soap and water. Store locked up. Do not eat, drink or smoke when using this product. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. 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. Immediately call a POISON CENTER/ doctor. Wear protective gloves/ eye protection/ face protection. If skin irritation occurs: Get medical advice/ attention. Take off contaminated</p>	
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				clothing and wash before reuse.	
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Tiglyl Glycine

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.


4,6-Dioxoheptanoic acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

3-Hydroxyhexanedioic Acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

2,3-Pyridinedicarboxylic acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
		Warning	Causes serious eye irritation. May cause respiratory irritation.	Avoid breathing dust/ fume/ gas/ mist/ vapors/ 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 container tightly closed. Dispose	

				<p>of contents/ container to an approved waste disposal plant. 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 eye irritation persists: Get medical advice/ attention. Wear eye protection/ face protection.</p>	
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4-Hydroxyphenylpyruvic acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.

DL-p-Hydroxyphenyllactic Acid

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
					Not a hazardous substance or mixture.