



UNLABELED ORGANIC ACID MIX

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 05/06/2019

Revision date: 08/08/2022

Supersedes: 10/09/2021

Version: 3.1

MSK-OA-US-1

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

1.1. Product identifier

Product form : Mixtures
Product name : UNLABELED ORGANIC ACID MIX
Product code : MSK-OA-US-1

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

1.2.1. Relevant identified uses

Main use category : Professional use
Industrial/Professional use spec : For professional use only

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Cambridge Isotope Laboratories, Inc.
50 Frontage Road
Andover, MA 01810
USA

USA: 1-800-322-1174 Int: 1-978-749-8000
cilsales@isotope.com www.isotope.com

Emergency telephone number

Emergency numbers:

Chemtrec: 1-800-424-9300 (24 hours)
International: 1-703-741-5970 (24 hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Irrit. 2 H315
Eye Dam. 1 H318
Skin Sens. 1 H317
Muta. 2 H341
STOT SE 3 H335

Full text of hazard classes and H-statements : see section 16

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Xi; R37/38
Xi; R41
Muta.Cat.3; R68
R43

Full text of R-phrases: see section 16

GHS-US classification

Skin Irrit. 2 H315
Eye Dam. 1 H318
Skin Sens. 1 H317
Muta. 2 H341
STOT SE 3 H335

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

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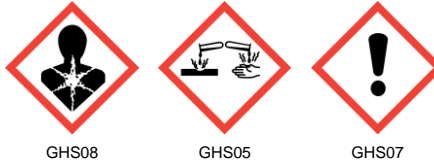
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2.2. Label elements

Labeling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word (CLP) :

Danger

Hazardous ingredients :

ALPHA-KETOBUTYRIC ACID, SODIUM SALT UNLABELED; SODIUM PYRUVATE UNLABELED; FUMARIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY; CREATINE UNLABELED 95% CHEMICAL PURITY; HOMO VANILLIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY; DL-VANILMANDELIC ACID, SODIUM SALT UNLABELED; SODIUM BUTYRATE UNLABELED 95% CHEMICAL PURITY; GLYCOLIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY; GLYCINE, N-BENZOYL (HIPURIC ACID), SODIUM SALT UNLABELED 95% CHEMICAL PURITY; SODIUM ISOBUTYRATE UNLABELED 95% CHEMICAL PURITY; SODIUM D-GLUCONATE UNLABELED 95% CHEMICAL PURITY

Hazard statements (CLP) :

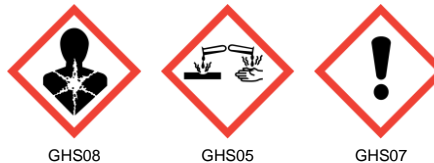
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H335 - May cause respiratory irritation
H341 - Suspected of causing genetic defects (in contact with skin, oral, inhalation)

Precautionary statements (CLP) :

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H335 - May cause respiratory irritation
H341 - Suspected of causing genetic defects (Dermal, Inhalation, oral)

Precautionary statements (GHS-US) :

P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing must not be allowed out of the workplace
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - If on skin: Wash with plenty of water
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P308+P313 - If exposed or concerned: Get medical advice/attention.
P310 - Immediately call a doctor
P312 - Call a doctor if you feel unwell
P321 - Specific treatment (see Hazardous component(s) for labeling on this label)
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P363 - Wash contaminated clothing before reuse.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of contents/container to hazardous or special waste collection point, in

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accordance with local, regional, national and/or international regulation

2.3. Other hazards

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Directive 67/548/EEC
TRISODIUM CITRATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 68-04-2 (EC-No.) 200-675-3 (EC Index-No.)	4.9243	Not classified
DL-VANILMANDELIC ACID, SODIUM SALT UNLABELED	(CAS-No.) 79427-93-3	4.201	Xi; R36/37/38 Xn; R22
SODIUM D-GLUCONATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 527-07-1 (EC-No.) 208-407-7 (EC Index-No.)	4.1624	Xn; R20/21/22 Xi; R36/37 R43
PHTHALIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 15968-01-1 (EC Index-No.)	4.009	Not classified
HOMOVANILLIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 76261-11-5 (EC Index-No.)	3.8957	Xi; R36/37/38
GLYCINE, N-BENZOYL (HIPURIC ACID), SODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 532-94-5 (EC-No.) 208-548-4 (EC Index-No.)	3.8384	Not classified
DL-2-HYDROXYGLUTARIC ACID, DISODIUM SALT UNLABELED	(CAS-No.) 40951-21-1 (EC-No.) (EC Index-No.)	3.6652	Not classified
ADIPIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 7486-38-6 (EC Index-No.)	3.6274	Not classified
URIC ACID, SODIUM SALT:XH2O UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 1198-77-2 (EC-No.) 214-838-1 (EC Index-No.)	3.6272	Not classified
ALPHA-KETOGLUTARIC ACID, DISODIUM SALT HYDRATE UNLABELED 90% CHEMICAL PURITY	(CAS-No.) 305-72-6 (EC-No.) 206-167-8 (EC Index-No.)	3.6266	Not classified
OTROTIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 154-85-8 (EC-No.) 205-834-0 (EC Index-No.)	3.398	Not classified
MALIC ACID, DISODIUM SALT MONOHYDRATE UNLABELED	(CAS-No.) 207511-06-6 (EC-No.) 211-627-6 (EC Index-No.)	3.3974	Not classified
VITAMIN C (L-ASCORBIC ACID) UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 50-81-7 (EC-No.) 200-066-2 (Unlabeled) (EC Index-No.)	3.3606	Not classified
TRANS-ACONITIC ACID UNLABELED	(CAS-No.) 4023-65-8 (EC-No.) 223-688-6 (EC Index-No.)	3.3223	Not classified
SUCCINIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 150-90-3 (EC-No.) 205-778-7	3.0921	Xi; R36/38 R67
METHYLMALONIC ACID, DISODIUM SALT UNLABELED	(CAS-No.) 53007-37-7 (EC Index-No.)	3.0921	Not classified
FUMARIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 17013-01-3 (EC-No.) 241-087-7 (EC Index-No.)	3.0538	Xi; R36/37/38
MALEIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 371-47-1 (EC-No.) 206-738-1 (EC Index-No.)	3.0538	Not classified
ALPHA-KETOISOCAPROIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 4502-00-5 (EC-No.) 224-816-3	2.9027	Not classified
MALONIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 141-95-7 (EC-No.) 205-514-0 (EC Index-No.)	2.8244	Not classified
SODIUM BENZOATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 532-32-1 (EC-No.) 208-534-8 (EC Index-No.)	2.7496	Xi; R36
ALPHA-KETOISOVALERIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 3715-29-5 (EC-No.) 223-062-2 (Unlabeled) (EC Index-No.)	2.6351	Not classified
OXALIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 62-76-0 (EC-No.) 200-550-3 (EC Index-No.) 607-007-00-3	2.5569	Xn; R21/22

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Name	Product identifier	%	Classification according to Directive 67/548/EEC
CREATINE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 57-00-1 (EC-No.) 200-306-6	2.5023	Xi; R36/37/38
SODIUM D-3-HYDROXYBUTYRATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 13613-65-5 (EC Index-No.)	2.406	Not classified
ALPHA-KETOBUTYRIC ACID, SODIUM SALT UNLABELED	(CAS-No.) 2013-26-5 (EC-No.) 217-937-8 (Unlabeled)	2.3674	Xi; R36/37/38
SODIUM L-LACTATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 867-56-1 (EC Index-No.)	2.1383	Not classified
SODIUM BUTYRATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 156-54-7 (EC-No.) 205-857-6	2.1007	Xi; R36/37/38 Muta.Cat.3; R68
SODIUM ISOBUTYRATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 996-30-5 (EC Index-No.)	2.1007	Muta.Cat.3; R68 Xi; R36/37/38
SODIUM PYRUVATE UNLABELED	(CAS-No.) 113-24-6 (EC-No.) 204-024-4	2.0997	Xi; R36/37/38
GLYCOLIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 2836-32-0 (EC-No.) (EC Index-No.)	1.8706	Xi; R36/37/38
SODIUM PROPIONATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 137-40-6 (EC-No.) 205-290-4 (EC Index-No.) 01-2120757184-52	1.833	Xn; R21
SODIUM ACETATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 127-09-3 (EC-No.) 204-823-8	1.5652	Not classified

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
TRISODIUM CITRATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 68-04-2 (EC-No.) 200-675-3 (EC Index-No.)	4.9243	Not classified
DL-VANILMANDELIC ACID, SODIUM SALT UNLABELED	(CAS-No.) 79427-93-3	4.201	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
SODIUM D-GLUCONATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 527-07-1 (EC-No.) 208-407-7 (EC Index-No.)	4.1624	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:gas), H332 Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT SE 3, H335
PHTHALIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 15968-01-1 (EC Index-No.)	4.009	Not classified
HOMOVANILLIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 76261-11-5 (EC Index-No.)	3.8957	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
GLYCINE, N-BENZOYL (HIPURIC ACID), SODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 532-94-5 (EC-No.) 208-548-4 (EC Index-No.)	3.8384	Not classified
DL-2-HYDROXYGLUTARIC ACID, DISODIUM SALT UNLABELED	(CAS-No.) 40951-21-1 (EC-No.) (EC Index-No.)	3.6652	Not classified
ADIPIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 7486-38-6 (EC Index-No.)	3.6274	Not classified
URIC ACID, SODIUM SALT:XH2O UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 1198-77-2 (EC-No.) 214-838-1 (EC Index-No.)	3.6272	Not classified
ALPHA-KETOGLUTARIC ACID, DISODIUM SALT HYDRATE UNLABELED 90% CHEMICAL PURITY	(CAS-No.) 305-72-6 (EC-No.) 206-167-8 (EC Index-No.)	3.6266	Not classified
OROTIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 154-85-8 (EC-No.) 205-834-0 (EC Index-No.)	3.398	Not classified
MALIC ACID, DISODIUM SALT MONOHYDRATE UNLABELED	(CAS-No.) 207511-06-6 (EC-No.) 211-627-6 (EC Index-No.)	3.3974	Not classified
VITAMIN C (L-ASCORBIC ACID) UNLABELED 95% CHEMICAL PURIT	(CAS-No.) 50-81-7 (EC-No.) 200-066-2 (Unlabeled) (EC Index-No.)	3.3606	Not classified
TRANS-ACONITIC ACID UNLABELED	(CAS-No.) 4023-65-8 (EC-No.) 223-688-6 (EC Index-No.)	3.3223	Not classified
SUCCINIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 150-90-3 (EC-No.) 205-778-7	3.0921	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H336
METHYLMALONIC ACID, DISODIUM SALT UNLABELED	(CAS-No.) 53007-37-7 (EC Index-No.)	3.0921	Not classified

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FUMARIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 17013-01-3 (EC-No.) 241-087-7 (EC Index-No.)	3.0538	Skin Irrit. 2, H315 STOT SE 3, H335
MALEIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 371-47-1 (EC-No.) 206-738-1 (EC Index-No.)	3.0538	Not classified
ALPHA-KETOISOCAPROIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 4502-00-5 (EC-No.) 224-816-3	2.9027	Not classified
MALONIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 141-95-7 (EC-No.) 205-514-0 (EC Index-No.)	2.8244	Not classified
SODIUM BENZOATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 532-32-1 (EC-No.) 208-534-8 (EC Index-No.)	2.7496	Eye Irrit. 2, H319
ALPHA-KETOISOVALERIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 3715-29-5 (EC-No.) 223-062-2 (Unlabeled) (EC Index-No.)	2.6351	Not classified
OXALIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 62-76-0 (EC-No.) 200-550-3 (EC Index-No.) 607-007-00-3	2.5569	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312
CREATINE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 57-00-1 (EC-No.) 200-306-6	2.5023	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
SODIUM D-3-HYDROXYBUTYRATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 13613-65-5 (EC Index-No.)	2.406	Not classified
ALPHA-KETOBUTYRIC ACID, SODIUM SALT UNLABELED	(CAS-No.) 2013-26-5 (EC-No.) 217-937-8 (Unlabeled)	2.3674	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
SODIUM L-LACTATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 867-56-1 (EC Index-No.)	2.1383	Not classified
SODIUM BUTYRATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 156-54-7 (EC-No.) 205-857-6	2.1007	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Muta. 2, H341 STOT SE 3, H335
SODIUM ISOBUTYRATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 996-30-5 (EC Index-No.)	2.1007	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Muta. 2, H341 STOT SE 3, H335
SODIUM PYRUVATE UNLABELED	(CAS-No.) 113-24-6 (EC-No.) 204-024-4	2.0997	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
GLYCOLIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 2836-32-0 (EC-No.) (EC Index-No.)	1.8706	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
SODIUM PROPIONATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 137-40-6 (EC-No.) 205-290-4 (EC Index-No.) 01-2120757184-52	1.833	Acute Tox. 4 (Dermal), H312
SODIUM ACETATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 127-09-3 (EC-No.) 204-823-8	1.5652	Not classified

Name	Product identifier	%	GHS-US classification
TRISODIUM CITRATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 68-04-2	4.9243	Not classified
DL-VANILMANDELIC ACID, SODIUM SALT UNLABELED	(CAS-No.) 79427-93-3	4.201	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
SODIUM D-GLUCONATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 527-07-1	4.1624	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT SE 3, H335
PHTHALIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 15968-01-1	4.009	Not classified
HOMOVANILLIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 76261-11-5	3.8957	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
GLYCINE, N-BENZOYL (HIPPURIC ACID), SODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 532-94-5	3.8384	Not classified
DL-2-HYDROXYGLUTARIC ACID, DISODIUM SALT UNLABELED	(CAS-No.) 40951-21-1	3.6652	Not classified
ADIPIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 7486-38-6	3.6274	Not classified

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URIC ACID, SODIUM SALT:XH ₂ O UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 1198-77-2	3.6272	Not classified
ALPHA-KETOGLUTARIC ACID, DISODIUM SALT HYDRATE UNLABELED 90% CHEMICAL PURITY	(CAS-No.) 305-72-6	3.6266	Not classified
OROTIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 154-85-8	3.398	Not classified
MALIC ACID, DISODIUM SALT MONOHYDRATE UNLABELED	(CAS-No.) 207511-06-6	3.3974	Not classified
VITAMIN C (L-ASCORBIC ACID) UNLABELED 95% CHEMICAL PURIT	(CAS-No.) 50-81-7	3.3606	Not classified
TRANS-ACONITIC ACID UNLABELED	(CAS-No.) 4023-65-8	3.3223	Not classified
SUCCINIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 150-90-3	3.0921	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H336
METHYLMALONIC ACID, DISODIUM SALT UNLABELED	(CAS-No.) 53007-37-7	3.0921	Not classified
FUMARIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 17013-01-3	3.0538	Skin Irrit. 2, H315 Eye Irrit. 2B, H320 STOT SE 3, H335
MALEIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 371-47-1	3.0538	Not classified
ALPHA-KETOISOCAPROIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 4502-00-5	2.9027	Not classified
MALONIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 141-95-7	2.8244	Not classified
SODIUM BENZOATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 532-32-1	2.7496	Eye Irrit. 2A, H319
ALPHA-KETOISOVALERIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 3715-29-5	2.6351	Not classified
OXALIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 62-76-0	2.5569	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312
CREATINE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 57-00-1	2.5023	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
SODIUM D-3-HYDROXYBUTYRATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 13613-65-5	2.406	Not classified
ALPHA-KETOBUTYRIC ACID, SODIUM SALT UNLABELED	(CAS-No.) 2013-26-5	2.3674	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
SODIUM L-LACTATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 867-56-1	2.1383	Not classified
SODIUM BUTYRATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 156-54-7	2.1007	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Muta. 2, H341 STOT SE 3, H335
SODIUM ISOBUTYRATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 996-30-5	2.1007	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Muta. 2, H341 STOT SE 3, H335
SODIUM PYRUVATE UNLABELED	(CAS-No.) 113-24-6	2.0997	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
GLYCOLIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 2836-32-0	1.8706	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
SODIUM PROPIONATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 137-40-6	1.833	Acute Tox. 4 (Dermal), H312
SODIUM ACETATE UNLABELED 95% CHEMICAL PURITY	(CAS-No.) 127-09-3	1.5652	Not classified

Full text of R- and H- phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: If you feel unwell, seek medical advice (show the label where possible). Evacuate danger area.
First-aid measures after inhalation	: When symptoms occur: go into open air and ventilate suspected area. If not breathing give artificial respiration. Get medical advice/attention.
First-aid measures after skin contact	: Wash with plenty of soap and water. and soap. Get immediate medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes.
First-aid measures after ingestion	: Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	: Suspected of causing genetic defects (in contact with skin, if inhaled, if swallowed).
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Symptoms/effects after inhalation	: May be harmful if inhaled. May cause respiratory irritation.
Symptoms/effects after skin contact	: Causes skin irritation. May cause allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye damage.
Symptoms/effects after ingestion	: May be harmful if swallowed.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂).

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions	: Fight fire with normal precautions from a reasonable distance. Wear a self contained breathing apparatus. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Wear recommended personal protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Avoid breathing vapors, mist, gas. Avoid dust formation.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Prevent entry to sewers and public waters. Do not allow to enter drains or water courses. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment	: Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal.
Methods for cleaning up	: This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Provide adequate ventilation to minimize dust and/or vapor concentrations.
Hygiene measures	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Store in a well-ventilated place. Keep container tightly closed.
Storage conditions	: Store refrigerated (-5 °C to 5 °C). Protect from light.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
Personal protective equipment	: Gloves. Protective clothing. Protective goggles. Self-contained breathing apparatus.



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Materials for protective clothing	: Wear suitable protective clothing and gloves.
Hand protection	: Wear suitable protective clothing and gloves.
Eye protection	: Wear eye protection. Chemical goggles or face shield with safety glasses.
Skin and body protection	: Wear suitable protective clothing, gloves and eye/face protection.
Respiratory protection	: In case of inadequate ventilation wear respiratory protection. Approved supplied air respirator.
Environmental exposure controls	: Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Solid
Color	: White to off-white
Odor	: No data available
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosion limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable if stored under recommended conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

MALONIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (141-95-7)

LD50, intraperitoneal, rat	1,100 mg/kg
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OXALIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (62-76-0)	
LD50 oral rat	11160 mg/kg
ATE CLP (oral)	500.000 mg/kg body weight
ATE CLP (dermal)	1100.000 mg/kg body weight
FUMARIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (17013-01-3)	
LD50 oral rat	8000 mg/kg
ATE CLP (oral)	8000.000 mg/kg body weight
MALEIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (371-47-1)	
LD50 oral rat	3380 mg/kg
ADIPIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (7486-38-6)	
LD50, intraperitoneal, mouse	4,000 mg/kg
SODIUM PROPIONATE UNLABELED 95% CHEMICAL PURITY (137-40-6)	
LD50 oral rat	> 6500 mg/kg - male and female - (OECD Test Guideline 401)
LD50 dermal rabbit	> 2000 mg/kg - male and female - (OECD Test Guideline 402)
ATE CLP (dermal)	1100.000 mg/kg body weight
SODIUM ACETATE UNLABELED 95% CHEMICAL PURITY (127-09-3)	
LD50 oral rat	3530 mg/kg
LD50 dermal rabbit	> 10000 mg/kg
LC50 inhalation rat (mg/l)	> 30000 mg/m ³ 1 h
ATE CLP (oral)	3530.000 mg/kg body weight
MALIC ACID, DISODIUM SALT MONOHYDRATE UNLABELED (207511-06-6)	
Additional information	LD50 Subcutaneous - rat - 3,500 mg/kg Remarks: Peripheral Nerve and Sensation:Flaccid paralysis without anesthesia (usually neuromuscular blockage). Behavioral:Excitement. Behavioral:Muscle weakness.
DL-2-HYDROXYGLUTARIC ACID, DISODIUM SALT UNLABELED (40951-21-1)	
LD50, intraperitoneal, mouse	4,500 mg/kg
SODIUM BENZOATE UNLABELED 95% CHEMICAL PURITY (532-32-1)	
LD50 oral rat	2100 mg/kg
ATE CLP (oral)	2100.000 mg/kg body weight
VITAMIN C (L-ASCORBIC ACID) UNLABELED 95% CHEMICAL PURITY (50-81-7)	
LD50 oral rat	11900 mg/kg Remarks: Sense Organs and Special Senses: (Nose, Eye, Ear, and Taste): Lacrimation. Behavioral: Somnolence (general depressed activity). Diarrhea
SODIUM D-GLUCONATE UNLABELED 95% CHEMICAL PURITY (527-07-1)	
ATE CLP (oral)	500.000 mg/kg body weight
ATE CLP (dermal)	1100.000 mg/kg body weight
ATE CLP (gases)	4500.000 ppmV/4h

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Suspected of causing genetic defects (in contact with skin, oral, inhalation).
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: May cause respiratory irritation.
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.
Symptoms/effects after inhalation	: May be harmful if inhaled. May cause respiratory irritation.
Symptoms/effects after skin contact	: Causes skin irritation. May cause allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye damage.
Symptoms/effects after ingestion	: May be harmful if swallowed.

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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

OXALIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (62-76-0)	
LC50 fish 1	630 mg/l - 96 h, Danio rerio (zebra fish) -
EC50 Daphnia 1	397.98 mg/l - 24 h, Daphnia magna (Water flea) -
SODIUM PROPIONATE UNLABELED 95% CHEMICAL PURITY (137-40-6)	
LC50 fish 1	4740 mg/l Pimephales promelas (fathead minnow) - 96 h
EC50 Daphnia 1	> 100 mg/l Daphnia magna (Water flea) - 48 h - (OECD Test Guideline 202)
ErC50 (algae)	> 80.6 mg/l Pseudokirchneriella subcapitata (green algae) - 72 h - (OECD Test Guideline 221)
NOEC chronic algae	80.6 mg/l Pseudokirchneriella subcapitata (green algae) - 72 h - (OECD Test Guideline 221)
SODIUM ACETATE UNLABELED 95% CHEMICAL PURITY (127-09-3)	
LC50 fish 1	13330 mg/l Pimephales promelas (fathead minnow) - 120 h
EC50 Daphnia 1	> 1000 mg/l Daphnia magna (Water flea) - 48 h
LC50 fish 2	5000 mg/l Lepomis macrochirus (Bluegill) - 24 h
SODIUM BUTYRATE UNLABELED 95% CHEMICAL PURITY (156-54-7)	
LC50 fish 1	5000 mg/l Lepomis macrochirus - 24 h
EC50 Daphnia 1	1950 mg/l Daphnia magna (Water flea) - 24 h
SODIUM BENZOATE UNLABELED 95% CHEMICAL PURITY (532-32-1)	
LC50 fish 1	484 mg/l Pimephales promelas (fathead minnow) - 96 h

12.2. Persistence and degradability

SODIUM PROPIONATE UNLABELED 95% CHEMICAL PURITY (137-40-6)	
Persistence and degradability	Biodegradability : aerobic - Exposure time 28 d - Result: 92.9 % - Readily biodegradable - (OECD Test Guideline 301D).
SODIUM ACETATE UNLABELED 95% CHEMICAL PURITY (127-09-3)	
Persistence and degradability	Biodegradability Result: 99% - Readily biodegradable.
SODIUM BENZOATE UNLABELED 95% CHEMICAL PURITY (532-32-1)	
Biodegradation	90 % - Readily biodegradable. (OECD Test Guideline 301)

12.3. Bioaccumulative potential

SODIUM PROPIONATE UNLABELED 95% CHEMICAL PURITY (137-40-6)	
Log Pow	-3.23 at 25 °C (77 °F) - OECD Test Guideline 117 - Bioaccumulation is not expected
SODIUM ACETATE UNLABELED 95% CHEMICAL PURITY (127-09-3)	
Log Pow	- 4.22
SODIUM BENZOATE UNLABELED 95% CHEMICAL PURITY (532-32-1)	
Log Pow	-2.13

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Waste materials should be disposed of under conditions which meet Federal, State, and local environmental control regulations.

Product/Packaging disposal recommendations : Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Ecology - waste materials : Dispose of as unused product.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

Not applicable

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14.2. UN proper shipping name

Not applicable

14.3. Additional information

Other information : No supplementary information available.

Overland transport

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

14.4. Environmental hazards

Other information : No supplementary information available.

14.5. Special precautions for user

14.6. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

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SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.

ALPHA-KETOISOVALERIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY (3715-29-5)

SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.

ALPHA-KETOBUTYRIC ACID, SODIUM SALT UNLABELED (2013-26-5)

SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313

SODIUM PYRUVATE UNLABELED (113-24-6)

SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313

ALPHA-KETOGLUTARIC ACID, DISODIUM SALT HYDRATE UNLABELED 90% CHEMICAL PURITY (305-72-6)

SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313

ALPHA-KETOISOCAPROIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY (4502-00-5)

SARA Section 302 Threshold Planning Quantity (TPQ)	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313

MALONIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (141-95-7)

SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.

OXALIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (62-76-0)

SARA Section 302 Threshold Planning Quantity (TPQ)	;SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313

SUCCINIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (150-90-3)

SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard

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SUCCINIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (150-90-3)	
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313
FUMARIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (17013-01-3)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
MALEIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (371-47-1)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
ADIPIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (7486-38-6)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
METHYLMALONIC ACID, DISODIUM SALT UNLABELED (53007-37-7)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
SODIUM ISOBUTYRATE UNLABELED 95% CHEMICAL PURITY (996-30-5)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
SODIUM PROPIONATE UNLABELED 95% CHEMICAL PURITY (137-40-6)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
SODIUM ACETATE UNLABELED 95% CHEMICAL PURITY (127-09-3)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313
SODIUM BUTYRATE UNLABELED 95% CHEMICAL PURITY (156-54-7)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
SODIUM D-3-HYDROXYBUTYRATE UNLABELED 95% CHEMICAL PURITY (13613-65-5)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
SODIUM L-LACTATE UNLABELED 95% CHEMICAL PURITY (867-56-1)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
MALIC ACID, DISODIUM SALT MONOHYDRATE UNLABELED (207511-06-6)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
DL-2-HYDROXYGLUTARIC ACID, DISODIUM SALT UNLABELED (40951-21-1)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
GLYCOLIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY (2836-32-0)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.

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DL-VANILMANDELIC ACID, SODIUM SALT UNLABELED (79427-93-3)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313
GLYCINE, N-BENZOYL (HIPURIC ACID), SODIUM SALT UNLABELED 95% CHEMICAL PURITY (532-94-5)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
HOMOVANILLIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY (76261-11-5)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
SODIUM BENZOATE UNLABELED 95% CHEMICAL PURITY (532-32-1)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
PHTHALIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (15968-01-1)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
VITAMIN C (L-ASCORBIC ACID) UNLABELED 95% CHEMICAL PURITY (50-81-7)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313
SODIUM D-GLUCONATE UNLABELED 95% CHEMICAL PURITY (527-07-1)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
OROTIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY (154-85-8)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
TRISODIUM CITRATE UNLABELED 95% CHEMICAL PURITY (68-04-2)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
CREATINE UNLABELED 95% CHEMICAL PURITY (57-00-1)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
TRANS-ACONITIC ACID UNLABELED (4023-65-8)	
SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313
URIC ACID, SODIUM SALT:XH₂O UNLABELED 95% CHEMICAL PURITY (1198-77-2)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.

15.2. International regulations

CANADA

UNLABELED ORGANIC ACID MIX
Listed on the Canadian DSL (Domestic Substances List)

15.2.1. National regulations

No additional information available

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15.3. US State regulations

UNLABELED ORGANIC ACID MIX()	
U.S. - California - Proposition 65 - Carcinogens List	No
U.S. - California - Proposition 65 - Developmental Toxicity	No
U.S. - California - Proposition 65 - Reproductive Toxicity - Female	No
U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No
State or local regulations	RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List

ALPHA-KETOISOVALERIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY (3715-29-5)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

ALPHA-KETOBUTYRIC ACID, SODIUM SALT UNLABELED (2013-26-5)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

SODIUM PYRUVATE UNLABELED (113-24-6)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

ALPHA-KETOGLUTARIC ACID, DISODIUM SALT HYDRATE UNLABELED 90% CHEMICAL PURITY (305-72-6)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

ALPHA-KETOISOCAPROIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY (4502-00-5)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

MALONIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (141-95-7)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

OXALIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (62-76-0)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

SUCCINIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (150-90-3)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

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FUMARIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (17013-01-3)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
MALEIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (371-47-1)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
ADIPIIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (7486-38-6)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
METHYLMALONIC ACID, DISODIUM SALT UNLABELED (53007-37-7)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
SODIUM ISOBUTYRATE UNLABELED 95% CHEMICAL PURITY (996-30-5)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
SODIUM PROPIONATE UNLABELED 95% CHEMICAL PURITY (137-40-6)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
SODIUM ACETATE UNLABELED 95% CHEMICAL PURITY (127-09-3)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
SODIUM BUTYRATE UNLABELED 95% CHEMICAL PURITY (156-54-7)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
SODIUM D-3-HYDROXYBUTYRATE UNLABELED 95% CHEMICAL PURITY (13613-65-5)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
SODIUM L-LACTATE UNLABELED 95% CHEMICAL PURITY (867-56-1)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

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SODIUM L-LACTATE UNLABELED 95% CHEMICAL PURITY (867-56-1)				
No	No	No	No	
MALIC ACID, DISODIUM SALT MONOHYDRATE UNLABELED (207511-06-6)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
DL-2-HYDROXYGLUTARIC ACID, DISODIUM SALT UNLABELED (40951-21-1)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
GLYCOLIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY (2836-32-0)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
DL-VANILMANDELIC ACID, SODIUM SALT UNLABELED (79427-93-3)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
GLYCINE, N-BENZOYL (HIPURIC ACID), SODIUM SALT UNLABELED 95% CHEMICAL PURITY (532-94-5)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
HOMOVANILLIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY (76261-11-5)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
SODIUM BENZOATE UNLABELED 95% CHEMICAL PURITY (532-32-1)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
PHTHALIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (15968-01-1)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
VITAMIN C (L-ASCORBIC ACID) UNLABELED 95% CHEMICAL PURITY (50-81-7)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

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SODIUM D-GLUCONATE UNLABELED 95% CHEMICAL PURITY (527-07-1)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
OROTIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY (154-85-8)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
TRISODIUM CITRATE UNLABELED 95% CHEMICAL PURITY (68-04-2)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
CREATINE UNLABELED 95% CHEMICAL PURITY (57-00-1)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
TRANS-ACONITIC ACID UNLABELED (4023-65-8)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
URIC ACID, SODIUM SALT:XH₂O UNLABELED 95% CHEMICAL PURITY (1198-77-2)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
ALPHA-KETOISOVALERIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY (3715-29-5)				
State or local regulations				
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List				
ALPHA-KETOBUTYRIC ACID, SODIUM SALT UNLABELED (2013-26-5)				
State or local regulations				
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List				
SODIUM PYRUVATE UNLABELED (113-24-6)				
State or local regulations				
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List				
ALPHA-KETOGLUTARIC ACID, DISODIUM SALT HYDRATE UNLABELED 90% CHEMICAL PURITY (305-72-6)				
State or local regulations				
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List				
ALPHA-KETOISOCAPROIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY (4502-00-5)				
State or local regulations				
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List RTK - U.S. - Pennsylvania - RTK (Right to Know) List				

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MALONIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (141-95-7)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
OXALIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (62-76-0)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
SUCCINIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (150-90-3)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
FUMARIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (17013-01-3)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
MALEIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (371-47-1)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
ADIPIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (7486-38-6)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
METHYLMALONIC ACID, DISODIUM SALT UNLABELED (53007-37-7)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
SODIUM ISOBUTYRATE UNLABELED 95% CHEMICAL PURITY (996-30-5)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
SODIUM PROPIONATE UNLABELED 95% CHEMICAL PURITY (137-40-6)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
SODIUM ACETATE UNLABELED 95% CHEMICAL PURITY (127-09-3)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
SODIUM BUTYRATE UNLABELED 95% CHEMICAL PURITY (156-54-7)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
SODIUM D-3-HYDROXYBUTYRATE UNLABELED 95% CHEMICAL PURITY (13613-65-5)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
SODIUM L-LACTATE UNLABELED 95% CHEMICAL PURITY (867-56-1)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List

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MALIC ACID, DISODIUM SALT MONOHYDRATE UNLABELED (207511-06-6)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
DL-2-HYDROXYGLUTARIC ACID, DISODIUM SALT UNLABELED (40951-21-1)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
GLYCOLIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY (2836-32-0)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
DL-VANILMANDELIC ACID, SODIUM SALT UNLABELED (79427-93-3)
State or local regulations
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List RTK - U.S. - Pennsylvania - RTK (Right to Know) List
GLYCINE, N-BENZOYL (HIPURIC ACID), SODIUM SALT UNLABELED 95% CHEMICAL PURITY (532-94-5)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
HOMOVANILLIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY (76261-11-5)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
SODIUM BENZOATE UNLABELED 95% CHEMICAL PURITY (532-32-1)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
PHTHALIC ACID, DISODIUM SALT UNLABELED 95% CHEMICAL PURITY (15968-01-1)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
VITAMIN C (L-ASCORBIC ACID) UNLABELED 95% CHEMICAL PURITY (50-81-7)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
SODIUM D-GLUCONATE UNLABELED 95% CHEMICAL PURITY (527-07-1)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
OROTIC ACID, SODIUM SALT UNLABELED 95% CHEMICAL PURITY (154-85-8)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
TRISODIUM CITRATE UNLABELED 95% CHEMICAL PURITY (68-04-2)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
CREATINE UNLABELED 95% CHEMICAL PURITY (57-00-1)
State or local regulations
RTK - U.S. - Pennsylvania - RTK (Right to Know) List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List

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TRANS-ACONITIC ACID UNLABELED (4023-65-8)

State or local regulations

RTK - U.S. - Pennsylvania - RTK (Right to Know) List
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List

URIC ACID, SODIUM SALT:XH₂O UNLABELED 95% CHEMICAL PURITY (1198-77-2)

State or local regulations

RTK - U.S. - Pennsylvania - RTK (Right to Know) List
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information

Other information : This product is not radioactive. The data given for this product are those of the corresponding unlabeled compound, unless specifically indicated otherwise. Health and safety data for labeled compounds are generally not available, but are assumed to be similar or identical to the corresponding unlabeled compound.

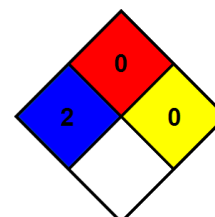
Full text of R-, H- and EUH-phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Inhalation:gas)	Acute toxicity (inhalation:gas) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Muta. 2	Germ cell mutagenicity Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H341	Suspected of causing genetic defects
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R21	Harmful in contact with skin
R21/22	Harmful in contact with skin and if swallowed
R22	Harmful if swallowed
R36	Irritating to eyes
R36/37	Irritating to eyes and respiratory system
R36/37/38	Irritating to eyes, respiratory system and skin
R36/38	Irritating to eyes and skin
R37/38	Irritating to respiratory system and skin
R41	Risk of serious damage to eyes
R43	May cause sensitization by skin contact
R67	Vapors may cause drowsiness and dizziness
R68	Possible risk of irreversible effects
Xi	Irritant
Xn	Harmful

NFPA health hazard : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.

NFPA fire hazard : 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.

NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



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Hazard Rating

Health : 2 Moderate Hazard - Temporary or minor injury may occur
Flammability : 0 Minimal Hazard
Physical : 0 Minimal Hazard

CIL Multi-Solvent Mixture SDS

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product