

Mouse Express UNLABELED MOUSE FEED PREPARED WITH UNLABELED SPIRULINA

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
 Regulation (EU) 2015/830 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

 Date of issue: 14/06/2012
 Revision date: 21/08/2019
 Supersedes: 06/02/2013
 Version: 4.0

 MF-SPIRULINA-U
 Version: 4.0
 Version: 4.0

SECTION 1: Identification of the subst	ance/mixture and of the company/undertaking	
1.1. Product identifier		
Product form :	Mixtures	
Product name :	Mouse Express UNLABELED MOUSE FEED PREPARED WITH UNLABELED SPIRULINA	
Product code :	MF-SPIRULINA-U	
1.2. Relevant identified uses of the substa	nce 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 da	ta sheet	
Cambridge Isotope Laboratories, Inc. 50 Frontage Road Andover, MA 01810 USA		
USA: 1-800-322-1174 Int: 1-978-749-8000 <u>cilsales@isotope.com</u> 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 mix	ture	
Classification according to Regulation (EC) No. Not classified	1272/2008 [CLP]	
Classification according to Directive 67/548/EEC Not classified	C [DSD] or 1999/45/EC [DPD]	
GHS-US classification Not classified		
Adverse physicochemical, human health and en No additional information available	nvironmental effects	
2.2. Label elements		
Labeling according to Regulation (EC) No. 1272 No labeling applicable	/2008 [CLP]	
GHS-US labeling		
No labeling applicable		
2.3. Other hazards		
No additional information available		
SECTION 3: Composition/Information	on ingredients	
3.1. Substances		
Not applicable		
	EN (English US) 1/15	

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Name	Product identifier	%	Classification according to
			Directive 67/548/EEC
SPIRULINA WHOLE CELLS (LYOPHILIZED POWDER) JNLABELED	(CAS-No.) N/A (EC-No.) (EC Index-No.)	30.4	Not classified
SUCROSE UNLABELED	(CAS-No.) 57-50-1 (EC-No.) 200-334-9	18	Not classified
CORN STARCH UNLABELED	(CAS-No.) 9005-25-8 (EC-No.) 232-679-6 (EC Index-No.)	17.5714	Not classified
MALTODEXTRIN UNLABELED	(CAS-No.) 9050-36-6 (EC-No.) (EC Index-No.)	15	Not classified
SOYBEAN OIL UNLABELED	(CAS-No.) 8001-22-7 (EC-No.) 232-274-4	7.6	Not classified
CELLULOSE UNLABELED	(CAS-No.) 9004-34-6 (EC-No.) 232-674-9	7	Not classified
CALCIUM PHOSPHATE DIBASIC UNLABELED	(CAS-No.) 7757-93-9 (EC-No.) 231-826-1 (EC Index-No.)	1.65	Not classified
CALCIUM CARBONATE UNLABELED	(CAS-No.) 471-34-1 (EC-No.) 207-439-9	1.05	Not classified
TRACE MINERAL MIX, AIN-93G (06095)	(CAS-No.) (EC-No.) (EC Index-No.)	0.5	Not classified
VITAMIN MIX, W/O CHOLINE, A, D, E (83171)	(CAS-No.) (EC-No.) (EC Index-No.)	0.5	Not classified
MAGNESIUM CARBONATE UNLABELED	(CAS-No.) 23389-33-5 (EC-No.) (EC Index-No.)	0.3	Not classified
CHOLINE BITARTRATE UNLABELED	(CAS-No.) 87-67-2 (EC-No.) 201-763-4 (EC Index-No.)	0.3	Not classified
CALCIUM-44 CHLORIDE (44Ca)	(CAS-No.) 10043-52-4 (Unlabeled) (EC-No.) 233-140-8 (Unlabeled) (EC Index-No.) 017-013-00-2 (Unlabeled)	0.1	Xi; R36
VITAMIN E (ALPHA-TOCOPHEROL) UNLABELED (CHEMICAL PURITY 96%)	(CAS-No.) 59-02-9 (EC-No.) 200-412-2 (EC Index-No.)	0.02	Not classified
MANGANESE (II) CARBONATE UNLABELED	(CAS-No.) 598-62-9 (EC-No.) 209-942-9 (EC Index-No.)	0.004	Not classified
VITAMIN D3 (CHOLECALCIFEROL) UNLABELED	(CAS-No.) 67-97-0 (EC-No.) 200-673-2 (EC Index-No.) 603-180-00-4	0.0024	T+; R26/27/28
CUPRIC CARBONATE UNLABELED	(CAS-No.) 1184-64-1 (EC-No.) 214-671-1 (EC Index-No.)	0.0012	Xn; R22 N; R50/53
RETINYL PALMITATE (VITAMIN A PALMITATE) UNLABELED	(CAS-No.) 79-81-2 (EC-No.) 201-228-5 (Unlabeled)	0.001	Repr.Cat.2; R60 Repr.Cat.2; R61 R53
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
SPIRULINA WHOLE CELLS (LYOPHILIZED POWDER) UNLABELED	(CAS-No.) N/A (EC-No.) (EC Index-No.)	30.4	Not classified
SUCROSE UNLABELED	(CAS-No.) 57-50-1 (EC-No.) 200-334-9	18	Not classified
CORN STARCH UNLABELED	(CAS-No.) 9005-25-8 (EC-No.) 232-679-6 (EC Index-No.)	17.5714	Not classified
MALTODEXTRIN UNLABELED	(CAS-No.) 9050-36-6 (EC-No.) (EC Index-No.)	15	Not classified
SOYBEAN OIL UNLABELED	(CAS-No.) 8001-22-7 (EC-No.) 232-274-4	7.6	Not classified
CELLULOSE UNLABELED	(CAS-No.) 9004-34-6 (EC-No.) 232-674-9	7	Not classified
CALCIUM PHOSPHATE DIBASIC UNLABELED	(CAS-No.) 7757-93-9 (EC-No.) 231-826-1 (EC Index-No.)	1.65	Not classified
CALCIUM CARBONATE UNLABELED	(CAS-No.) 471-34-1 (EC-No.) 207-439-9	1.05	Not classified

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
TRACE MINERAL MIX, AIN-93G (06095)	(CAS-No.) (EC-No.) (EC Index-No.)	0.5	Not classified
VITAMIN MIX, W/O CHOLINE, A, D, E (83171)	(CAS-No.) (EC-No.) (EC Index-No.)	0.5	Not classified
MAGNESIUM CARBONATE UNLABELED	(CAS-No.) 23389-33-5 (EC-No.) (EC Index-No.)	0.3	Not classified
CHOLINE BITARTRATE UNLABELED	(CAS-No.) 87-67-2 (EC-No.) 201-763-4 (EC Index-No.)	0.3	Not classified
CALCIUM-44 CHLORIDE (44Ca)	(CAS-No.) 10043-52-4 (Unlabeled) (EC-No.) 233-140-8 (Unlabeled) (EC Index-No.) 017-013-00-2 (Unlabeled)	0.1	Eye Irrit. 2, H319
VITAMIN E (ALPHA-TOCOPHEROL) UNLABELED (CHEMICAL PURITY 96%)	(CAS-No.) 59-02-9 (EC-No.) 200-412-2 (EC Index-No.)	0.02	Not classified
MANGANESE (II) CARBONATE UNLABELED	(CAS-No.) 598-62-9 (EC-No.) 209-942-9 (EC Index-No.)	0.004	Not classified
VITAMIN D3 (CHOLECALCIFEROL) UNLABELED	(CAS-No.) 67-97-0 (EC-No.) 200-673-2 (EC Index-No.) 603-180-00-4	0.0024	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 2 (Inhalation:dust,mist) H330 STOT RE 1, H372
CUPRIC CARBONATE UNLABELED	(CAS-No.) 1184-64-1 (EC-No.) 214-671-1 (EC Index-No.)	0.0012	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
RETINYL PALMITATE (VITAMIN A PALMITATE) UNLABELED	(CAS-No.) 79-81-2 (EC-No.) 201-228-5 (Unlabeled)	0.001	Repr. 1B, H360 Aquatic Chronic 4, H413
Name	Product identifier	%	GHS-US classification
SPIRULINA WHOLE CELLS (LYOPHILIZED POWDER) UNLABELED	(CAS-No.) N/A	30.4	Not classified
SUCROSE UNLABELED	(CAS-No.) 57-50-1	18	Not classified
CORN STARCH UNLABELED	(CAS-No.) 9005-25-8	17.5714	Not classified
MALTODEXTRIN UNLABELED	(CAS-No.) 9050-36-6	15	Not classified
SOYBEAN OIL UNLABELED	(CAS-No.) 8001-22-7	7.6	Not classified
CELLULOSE UNLABELED	(CAS-No.) 9004-34-6	7	Not classified
CALCIUM PHOSPHATE DIBASIC UNLABELED	(CAS-No.) 7757-93-9	1.65	Not classified
CALCIUM CARBONATE UNLABELED	(CAS-No.) 471-34-1	1.05	Not classified
TRACE MINERAL MIX, AIN-93G (06095)	(CAS-No.)	0.5	Not classified
VITAMIN MIX, W/O CHOLINE, A, D, E (83171)	(CAS-No.)	0.5	Not classified
MAGNESIUM CARBONATE UNLABELED	(CAS-No.) 23389-33-5	0.3	Not classified
CHOLINE BITARTRATE UNLABELED	(CAS-No.) 87-67-2	0.3	Not classified
CALCIUM-44 CHLORIDE (44Ca)	(CAS-No.) 10043-52-4 (Unlabeled)	0.1	Eye Irrit. 2, H319
VITAMIN E (ALPHA-TOCOPHEROL) UNLABELED (CHEMICAL PURITY 96%)	(CAS-No.) 59-02-9	0.02	Not classified
MANGANESE (II) CARBONATE UNLABELED	(CAS-No.) 598-62-9	0.004	Not classified
VITAMIN D3 (CHOLECALCIFEROL) UNLABELED	(CAS-No.) 67-97-0	0.0024	Acute Tox. 2 (Oral), H300 Acute Tox. 3 (Dermal), H311 Acute Tox. 2 (Inhalation), H330 STOT RE 1, H372
CUPRIC CARBONATE UNLABELED	(CAS-No.) 1184-64-1	0.0012	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
RETINYL PALMITATE (VITAMIN A PALMITATE) UNLABELED	(CAS-No.) 79-81-2	0.001	Repr. 1B, H360 Aquatic Chronic 4, H413

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.

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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 ef	fects, both acute and delayed
Symptoms/effects after inhalation	: May be harmful if inhaled. May cause respiratory irritation.
Symptoms/effects after skin contact	: May be harmful in contact with skin. May cause moderate irritation.
Symptoms/effects after eye contact	: May cause eye irritation.
Symptoms/effects after ingestion	: May be harmful if swallowed.
4.3. Indication of any immediate medi	cal 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 me	easures
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	o not allow to enter drains or water courses. Avoid release to the environment.
6.3. Methods and material for contain	ment and cleaning up
For containment Methods for cleaning up	: Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. : 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 Hygiene measures	 Provide adequate ventilation to minimize dust and/or vapor concentrations. 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, inclu	iding any incompatibilities
Technical measures	: Store in a well-ventilated place. Keep container tightly closed.
Storage conditions	: Store product at 4°C or lower.
7.3. Specific end use(s)	
No additional information available	
SECTION 8: Exposure controls/pe	rsonal protection
8.1. Control parameters	
SUCROSE UNLABELED (57-50-1)	
USA OSHA OSHA PEL	(TWA) (mg/m ³) 5 mg/m ³
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CORN STARCH UNLABELED	D (9005-25-8)	
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m³)	10 mg/m ³ Dermatitis. Not classifiable as a human carcinogen
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	10 mg/m ³
USA OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m³
CELLULOSE UNLABELED (9	9004-34-6)	
Belgium	Limit value (mg/m ³)	10 mg/m ³ (Cellulose; Belgium; Time-weighted average exposure limit 8 h)
France	VME (mg/m³)	10 mg/m ³ (Cellulose (fibre de papier); France; Time- weighted average exposure limit 8 h; VL: Valeur non réglementaire indicative)
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m³)	10 mg/m ³ (Cellulose; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Cotton dust, raw, untreated; 0.1 mg/m ³ ; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Thoracic fraction)
United Kingdom	WEL TWA (mg/m³)	10 mg/m ³ Cellulose inhalable dust; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005); Cellulose respirable dust; 4 mg/m ³ ; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005)
United Kingdom	WEL STEL (mg/m³)	20 mg/m ³ Cellulose inhalable dust; United Kingdom; Short time value; Workplace exposure limit (EH40/2005)
SOYBEAN OIL UNLABELED	(8001-22-7)	·
Belgium	Limit value (mg/m ³)	10 mg/m ³ (Huiles végétales (brouillards); Belgium; Time-weighted average exposure limit 8 h)
CALCIUM CARBONATE UNL	_ABELED (471-34-1)	
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m³)	10 mg/m ³ Basis: ACGIH Threshold Limit Values (TLV)
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	5 mg/m ³ Basis: NIOSH Recommended Exposure Limits
USA NIOSH	NIOSH REL (ceiling) (mg/m ³)	10 mg/m ³ Basis: NIOSH Recommended Exposure Limits
USA NIOSH	Remark (NIOSH)	Occurs in nature as limestone, chalk, marble, dolomite, aragonite, calcite & oyster shells.
USA OSHA	OSHA PEL (TWA) (mg/m³)	15 mg/m ³ Basis: USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
USA OSHA	OSHA PEL (STEL) (mg/m³)	10 mg/m ³ Basis: California permissible exposure limits for chemical contaminants (Title 8, Article 107)
USA OSHA	OSHA PEL (Ceiling) (mg/m ³)	5 mg/m ³ Basis: USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants; Basis: California permissible exposure limits for chemical contaminants (Title 8, Article 107)
MAGNESIUM CARBONATE	UNLABELED (23389-33-5)	
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	5 mg/m ³ 10 mg/m3 Basis: USA. NIOSH Recommended Exposure Limits
USA NIOSH	Remark (NIOSH)	Magnesite is a naturally-occurring form of magnesium carbonate.
USA OSHA	OSHA PEL (TWA) (mg/m³)	15 mg/m ³ 5 mg/m3 Basis: USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
CALCIUM-44 CHLORIDE (44	Ca) (10043-52-4 (Unlabeled))	
Italy - Portugal - USA ACGIH		5 mg/m ³ Ontario Table of Occupational Exposure Limits made under the Occupational Health and Safety Act.
MANGANESE (II) CARBONA	TE UNLABELED (598-62-9)	
MANGANESE (II) CARBONA Italy - Portugal - USA ACGIH	TE UNLABELED (598-62-9) ACGIH TWA (mg/m ³)	0.2 mg/m ³
		0.2 mg/m ³ 5 mg/m ³

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CUPRIC CARBONATE UNLA	BELED (1184-64-1)		
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	1 mg/m ³ Basis: USA. NIOSH Recommended Exposure Limits	
USA OSHA	OSHA PEL (TWA) (mg/m³)	1 Basis: California permissible exposure limits for chemical contaminants (Title 8, Article 107)	
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	: Gloves. Protective clothing. Protective goggles. Self-contained breathing apparatus.	
Materials for protective clothing	: Wear suitable protective clothing and	gloves.	
Hand protection	: Wear suitable protective clothing and	: Wear suitable protective clothing and gloves.	
Eye protection	: Wear eye protection. Chemical goggl	: Wear eye protection. Chemical goggles or face shield with safety glasses.	
Skin and body protection	: Wear suitable protective clothing, glo	: Wear suitable protective clothing, gloves and eye/face protection.	
Respiratory protection	: In case of inadequate ventilation wea	r respiratory protection. Approved supplied air respirator.	
Environmental exposure controls	: Avoid release to the environment.		

SECTION 9: Physical and chemical properties Information on basic physical and chemical properties 9.1. Physical state : Solid Appearance : Pellets Color : Green Odor No data available : Odor threshold : No data available : No data available pН Relative evaporation rate (butyl acetate=1) : No data available Melting point No data available : No data available Freezing point : No data available Boiling point No data available Flash point : Auto-ignition temperature No data available : Decomposition temperature : No data available Flammability (solid, gas) : No data available : No data available Vapor pressure 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

10.2. **Chemical stability** Six months unopened when stored under recommended conditions.

Viscosity, dynamic

Explosive properties

Oxidizing properties

Other information No additional information available

Reactivity No additional information available

SECTION 10: Stability and reactivity

Explosion limits

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10.1.

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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 informati	on
11.1. Information on toxicological effects	
Acute toxicity	: Not classified
SUCROSE UNLABELED (57-50-1)	
LD50 oral rat	29700 mg/kg Somnolence, Cyanosis, Diarrhea
ATE CLP (oral)	29700.000 mg/kg body weight
CELLULOSE UNLABELED (9004-34-6)	
LD50 oral rat	> 5000 mg/kg (Rat)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	> 6 mg/l/4h (Rat)
CALCIUM PHOSPHATE DIBASIC UNLABELE	D (7757-93-9)
LD50 oral rat	7940 mg/kg female
CALCIUM CARBONATE UNLABELED (471-34	
LD50 oral rat	6450 mg/kg
CALCIUM-44 CHLORIDE (44Ca) (10043-52-4 (
LD50 oral rat	2301 mg/kg
CUPRIC CARBONATE UNLABELED (1184-64 ATE CLP (oral)	500.000 mg/kg body weight
RETINYL PALMITATE (VITAMIN A PALMITAT	
	> 2000 mg/kg
VITAMIN D3 (CHOLECALCIFEROL) UNLABE	
LD50 oral rat ATE CLP (oral)	35 - 47 mg/kg 35.000 mg/kg body weight
ATE CLP (dermal)	300.000 mg/kg body weight
ATE CLP (dust, mist)	0.050 mg/l/4h
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: Not classified
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	: May be harmful in contact with skin. May cause moderate irritation.
Symptoms/effects after eye contact	: May cause eye irritation.
Symptoms/effects after ingestion	: May be harmful if swallowed.
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SECTION 12: Ecological informatio	n
12.1. Toxicity	
Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
CELLULOSE UNLABELED (9004-34-6)	
LC50 fish 1	> 100 mg/l (LC50)
EC50 Daphnia 1	> 100 mg/l (EC50)
Threshold limit algae 1	> 100 mg/l (EC50)
CALCIUM-44 CHLORIDE (44Ca) (10043-52-	4 (Unlabeled))
LC50 fish 1	10650 mg/l - Lepomis macrochirus - 96 h
EC50 Daphnia 1	2400 mg/l - Daphnia magna (Water flea) - 48 h Method: OECD Test Guideline 202
RETINYL PALMITATE (VITAMIN A PALMIT	ATE) UNLABELED (79-81-2)
LC50 fish 1	> 10000 mg/l Leuciscus idus (Golden orfe) - 96 h
EC50 Daphnia 1	> 100 mg/l Daphnia magna (Water flea) - 48 h
EC50 other aquatic organisms 1	152.94 mg/l Desmodesmus subspicatus (green algae) - 72 h
12.2. Persistence and degradability	
SUCROSE UNLABELED (57-50-1)	
Persistence and degradability	Not available.
CELLULOSE UNLABELED (9004-34-6)	
Persistence and degradability	Biodegradable in water.
SOYBEAN OIL UNLABELED (8001-22-7)	
Persistence and degradability	Not readily biodegradable in water. No (test)data on mobility of the substance available.
BOD (% of ThOD)	0.39
RETINYL PALMITATE (VITAMIN A PALMIT	ATE) UNLABELED (79-81-2)
Persistence and degradability	Biodegradability aerobic - Exposure time 28 d.
Biodegradation	50 - 60 % Partially biodegradable
VITAMIN D3 (CHOLECALCIFEROL) UNLA	3ELED (67-97-0)
Persistence and degradability	Not available.
12.3. Bioaccumulative potential	
SUCROSE UNLABELED (57-50-1)	
Bioaccumulative potential	Not available.
CELLULOSE UNLABELED (9004-34-6)	- ·
Bioaccumulative potential	Bioaccumulation: not applicable.
SOYBEAN OIL UNLABELED (8001-22-7)	
Bioaccumulative potential	Not bioaccumulative.
RETINYL PALMITATE (VITAMIN A PALMIT	ATE) UNLABELED (79-81-2)
Log Pow	10.3
Bioaccumulative potential	Not available.
VITAMIN D3 (CHOLECALCIFEROL) UNLA	

Bioaccumulative potential

12.4. Mobility in soil		
SUCROSE UNLABELED (57-50-1)		
Ecology - soil	Not available.	
SOYBEAN OIL UNLABELED (8001-22-7)		
Surface tension	0.025 N/m (20 °C)	
RETINYL PALMITATE (VITAMIN A PALMITATE) UNLABELED (79-81-2)		
Ecology - soil	Not available.	
VITAMIN D3 (CHOLECALCIFEROL) UNLABELED (67-97-0)		
Ecology - soil	Not available.	
12.5. Results of PBT and vPvB assessment		

No additional information available

Not available.

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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	J
14.1. UN number	
Not applicable	
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	Alle source la constante d'a factor et la constitue de constitue la
	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	
Mouse Express UNLABELED MOUSE FEED P	REPARED WITH UNLABELED SPIRULINA
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.
SUCROSE UNLABELED (57-50-1)	
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.
CORN STARCH UNLABELED (9005-25-8)	
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.
MALTODEXTRIN UNLABELED (9050-36-6)	
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.

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6, 2012 / Rules and Regulations	
CELLULOSE UNLABELED (9004-34-6)	
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.
SOYBEAN OIL UNLABELED (8001-22-7)	
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.
CALCIUM PHOSPHATE DIBASIC UNLABELED	0 (7757-93-9)
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporing requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporing requirements of the United States SARA Section 313.
CALCIUM CARBONATE UNLABELED (471-34-	1)
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporing requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporing requirements of the United States SARA Section 313.
MAGNESIUM CARBONATE UNLABELED (233	89-33-5)
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporing requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporing requirements of the United States SARA Section 313.
CALCIUM-44 CHLORIDE (44Ca) (10043-52-4 (U	Inlabeled))
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.
MANGANESE (II) CARBONATE UNLABELED (598-62-9)
Listed on the United States TSCA (Toxic Substar	
SARA Section 313 - Emission Reporting	Not subject to reporing requirements of the United States SARA Section 313.
CUPRIC CARBONATE UNLABELED (1184-64-	
Not listed on the United States TSCA (Toxic Sub	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporing 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 reporing requirements of the United States SARA Section 313.
TRACE MINERAL MIX, AIN-93G (06095) SARA Section 302 Threshold Planning	Not subject to reporting requirements of the United States SADA Section 200
Quantity (TPQ)	Not subject to reporing requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporing requirements of the United States SARA Section 313.
VITAMIN MIX, W/O CHOLINE, A, D, E (83171)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporing requirements of the United States SARA Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporing requirements of the United States SARA Section 313.
CHOLINE BITARTRATE UNLABELED (87-67-2	
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.
VITAMIN E (ALPHA-TOCOPHEROL) UNLABEL	
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.
RETINYL PALMITATE (VITAMIN A PALMITATE	
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard
VITAMIN D3 (CHOLECALCIFEROL) UNLABEL	
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 Delayed (chronic) health hazard
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313

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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

15.2. International regulations
CANADA
Mouse Express UNLABELED MOUSE FEED PREPARED WITH UNLABELED SPIRULINA
Listed on the Canadian DSL (Domestic Substances List)
MANGANESE (II) CARBONATE UNLABELED (598-62-9)
Listed on the Canadian DSL (Domestic Substances List)
CUPRIC CARBONATE UNLABELED (1184-64-1)

15.2.1. National regulations

15.3. US State regulations

Proposition 65 - Carcinogens ListProposition 65 - Developmental ToxicityProposition 65 - Reproductive Toxicity - Proposition 65 - Carcinogens ListProposition 65 - U.S California - Proposition 65 - Developmental ToxicityU.S California - Proposition 65 - Developmental ToxicityNoNo significant risk level (NSRL)NoNoNoNoNoNoONoNoNoNoNoNoNoNoNoONoNoNoNoONoNoNoNoONoNoNoNoONoNoNoNoONoNoNoNoONoNoNoNoONoNoNoNoONoNoNoNoONoNoNoNoONoNoNoNoONoNoNoNoONoNoNoNoONoNoNoNoONoNoNoNoONoNoNoNoNoNoNoNoNoNoNoNoNoNoONoNoNoNoONoNoNo <th>15.5. US State regulation</th> <th>15</th> <th></th> <th></th> <th></th>	15.5. US State regulation	15				
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 U.S California - Proposition 65 - Carcinogens List No significant risk leve Proposition 65 - Developmental Toxicity Vis California - Proposition 65 - Carcinogens List U.S California - Proposition 65 - Carcinogens List No No No No No SUCROSE UNLABELED (57-50-1) U.S California - Proposition 65 - Prop	Mouse Express UNLABE	LED MOUSE FEED PREPAR	RED WITH UNLABELED SPIRU	LINA		
Toxicity No U.S California - Proposition 65 - Reproductive Toxicity - Female No U.S California - Proposition 65 - Reproductive Toxicity - Male No State or local regulations U.S Pennsylvania - RTK (Right to Know) List U.S California - Proposition 65 - Reproductive Toxicity - Male No State or local regulations U.S California - Proposition 65 - Carcinogens List U.S California - Proposition 65 - Prop			No			
Toxicity - Female No U.S California - Proposition 65 - Reproductive Toxicity - Male No State or local regulations U.S Pennsylvania - RTK (Right to Know) List U.S New Jersey - Right to Know Hazardous Substance List SPIRULINA WHOLE CELLS (LYOPHILIZED POWDER) UNLABELED (N/A) U.S California - Proposition 65 - Carcinogens List No No No No No SUCROSE UNLABELED (France) U.S California - Proposition 65 - Carcinogens List U.S California - Proposition 65 - Developmental Toxicity No No No No No No No No SUCROSE UNLABELED (67-50-1) U.S California - Proposition 65 - Developmental Toxicity U.S California - Proposition 65 - Developmental Toxicity U.S California - Proposition 65 - Developmental Toxicity No No significant risk leve Proposition 65 - Developmental Toxicity No No No No No No No No No No No No No No significant risk leve Proposition 65 - Developmental Toxicity Proposition 65 - Proposition 65 - Developmental Toxicity Proposition 65 - Proposition 65 - Developmental Toxicity No No No No No No No <td< td=""><td colspan="2">U.S California - Proposition 65 - Developmental</td><td colspan="3">No</td></td<>	U.S California - Proposition 65 - Developmental		No			
Toxicity - Male U.S Pennsylvania - RTK (Right to Know) List State or local regulations U.S New Jersey - Right to Know Hazardous Substance List SPIRULINA WHOLE CELLS (LYOPHILIZED POWDER) UNLABELED (N/A) U.S California - Proposition 65 - Reproductive Toxicity - Female No significant risk leve Proposition 65 - Reproductive Toxicity - Male No No No No No No SUCROSE UNLABELED (57-50-1) U.S California - Proposition 65 - Reproductive Toxicity - Female U.S California - Proposition 65 - Reproductive Toxicity - Female No significant risk leve (NSRL) No No No No No significant risk leve (NSRL) U.S California - Proposition 65 - Carcinogens List U.S California - Proposition 65 - Reproductive Toxicity - Female No significant risk leve (NSRL) No No No No No No significant risk leve (NSRL) No No No No No significant risk leve (NSRL) No significant risk leve (NSRL) U.S California - Proposition 65 - Carcinogens List U.S California - Proposition 65 - Reproductive Toxicity - Female No significant risk leve (NSRL) No No No No No No significant risk leve (NSRL) No		ion 65 - Reproductive	No			
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SUCROSE UNLABELED (57-50-1) 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 leve (NSRL) No No No No No No No U.S California - Proposition 65 - Carcinogens List U.S California - Proposition 65 - Carcinogens List U.S California - Proposition 65 - Developmental Toxicity U.S California - Proposition 65 - Reproductive Toxicity - Female No significant risk leve (NSRL) No No No No No significant risk leve (NSRL) No No No No No significant risk leve (NSRL) No No No No No No No No No No MALTODEXTRIN UNLABELED (9050-36-6) U.S California - Proposition 65 - Carcinogens List U.S California - Proposition 65 - Developmental Toxicity U.S California - Proposition 65 - Reproductive Toxicity - Male No significant risk leve (NSRL) No No No No No significant risk leve (NSRL) <td< td=""><td>U.S California - Proposition 65 -</td><td>U.S California - Proposition 65 -</td><td>U.S California - Proposition 65 - Reproductive Toxicity -</td><td>Proposition 65 - Reproductive Toxicity -</td><td>No significant risk level (NSRL)</td></td<>	U.S California - Proposition 65 -	U.S California - Proposition 65 -	U.S California - Proposition 65 - Reproductive Toxicity -	Proposition 65 - Reproductive Toxicity -	No significant risk level (NSRL)	
U.S California - Proposition 65 - Carcinogens List U.S California - Proposition 65 - Developmental Toxicity U.S California - Proposition 65 - Reproductive Toxicity - Reproductive Toxicity - Male No No significant risk leve (NSRL) No No No No No No CORN STARCH UNLABELED (9005-25-8) U.S California - Proposition 65 - Developmental Toxicity U.S California - Proposition 65 - Proposition 65 - Developmental Toxicity U.S California - Proposition 65 - Reproductive Toxicity - Male No significant risk leve (NSRL) No No No No No No significant risk leve (NSRL) No No No No No No significant risk leve (NSRL) No No No No No significant risk leve (NSRL) No No No No No significant risk leve (NSRL) No No No No No No Male U.S California - Proposition 65 - Developmental Toxicity U.S California - Proposition 65 - Developmental Toxicity No No significant risk leve (NSRL) No No No No No No No	No	No	No	No		
U.S California - Proposition 65 - Carcinogens List U.S California - Proposition 65 - Developmental Toxicity U.S California - Proposition 65 - Reproductive Toxicity - Reproductive Toxicity - Male No No significant risk leve (NSRL) No No No No No No CORN STARCH UNLABELED (9005-25-8) U.S California - Proposition 65 - Developmental Toxicity U.S California - Proposition 65 - Proposition 65 - Developmental Toxicity U.S California - Proposition 65 - Reproductive Toxicity - Male No significant risk leve (NSRL) No No No No No No significant risk leve (NSRL) No No No No No No significant risk leve (NSRL) No No No No No significant risk leve (NSRL) No No No No No significant risk leve (NSRL) No No No No No No Male U.S California - Proposition 65 - Developmental Toxicity U.S California - Proposition 65 - Developmental Toxicity No No significant risk leve (NSRL) No No No No No No No	SUCROSE UNLABELED	(57-50-1)				
CORN STARCH UNLABELED (9005-25-8)U.S California - Proposition 65 - Carcinogens ListU.S California - Proposition 65 - Developmental ToxicityU.S California - Proposition 65 - Reproductive Toxicity - FemaleU.S California - Proposition 65 - Reproductive Toxicity - MaleNo significant risk level (NSRL)NoNoNoNoNoMALTODEXTRIN UNLABELED (9050-36-6)U.S California - Proposition 65 - Proposition 65 - Proposition 65 - Reproductive Toxicity - FemaleU.S California - Proposition 65 - Proposition 65 - Reproductive Toxicity - MaleNo significant risk level (NSRL)NoNoNoNoNoMaleU.S California - Proposition 65 - Reproductive Toxicity - FemaleU.S California - Proposition 65 - Reproductive Toxicity - MaleNo significant risk level (NSRL)NoNoNoNoNoONoNoNo(NSRL)NoNoNoNo(NSRL)NoS California - Proposition 65 - 	U.S California - Proposition 65 -	U.S California - Proposition 65 -	Proposition 65 - Reproductive Toxicity -	Proposition 65 - Reproductive Toxicity -	No significant risk level (NSRL)	
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 leve (NSRL) No No No No No No No MALTODEXTRIN UNLABELED (9050-36-6) U.S California - Proposition 65 - Developmental Toxicity U.S California - Proposition 65 - Proposition 65 - Developmental Toxicity U.S California - Proposition 65 - Reproductive Toxicity - Male No significant risk leve (NSRL) No No No No No No 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 leve (NSRL) No No No No No No U.S California - Proposition 65 - Developmental Toxicity U.S California - Proposition 65 - Proposition 65 - Proposition 65 - Proposition 65 - Proposition 65 - Reproductive Toxicity - No significant risk leve Proposition 65 - Proposition 65 - Reproductive Toxicity -	No	No	No	No		
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 leve (NSRL) No No No No No No No MALTODEXTRIN UNLABELED (9050-36-6) U.S California - Proposition 65 - Developmental Toxicity U.S California - Proposition 65 - Proposition 65 - Developmental Toxicity U.S California - Proposition 65 - Reproductive Toxicity - Male No significant risk leve (NSRL) No No No No No No 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 leve (NSRL) No No No No No No U.S California - Proposition 65 - Developmental Toxicity U.S California - Proposition 65 - Proposition 65 - Proposition 65 - Proposition 65 - Proposition 65 - Reproductive Toxicity - No significant risk leve Proposition 65 - Proposition 65 - Reproductive Toxicity -	CORN STARCH UNLABE	ELED (9005-25-8)				
MALTODEXTRIN UNLABELED (9050-36-6) 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 CELLULOSE UNLABELED (9004-34-6) U.S California - Proposition 65 - Proposition 65 - Proposition 65 - Proposition 65 - Developmental Toxicity U.S California - Proposition 65 - Proposition 65 - Proposition 65 - Proposition 65 - Developmental Toxicity U.S California - Proposition 65 - Proposition 65 - Reproductive Toxicity - No significant risk level (NSRL)	Proposition 65 -	Proposition 65 -	Proposition 65 - Reproductive Toxicity -	Proposition 65 - Reproductive Toxicity -	No significant risk level (NSRL)	
U.S California - Proposition 65 - Carcinogens ListU.S California - Proposition 65 - Developmental ToxicityU.S California - Proposition 65 - Reproductive Toxicity - FemaleU.S California - Proposition 65 - Reproductive Toxicity - 	No	No	No	No		
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 CELLULOSE UNLABELED (9004-34-6) U.S California - Proposition 65 - Proposition 65 - Proposition 65 - Proposition 65 - Developmental Toxicity U.S California - Proposition 65 - Proposition 65 - Proposition 65 - Proposition 65 - Proposition 65 - Developmental Toxicity U.S California - Proposition 65 - Proposition 65 - Reproductive Toxicity - No significant risk level (NSRL)	MALTODEXTRIN UNLAB	ELED (9050-36-6)				
CELLULOSE UNLABELED (9004-34-6) U.S California - U.S California - Proposition 65 - Proposition 65 - Carcinogens List Developmental Toxicity	U.S California - Proposition 65 -	U.S California - Proposition 65 -	Proposition 65 - Reproductive Toxicity -	Proposition 65 - Reproductive Toxicity -	No significant risk level (NSRL)	
U.S California - Proposition 65 - Carcinogens ListU.S California - Proposition 65 - Developmental ToxicityU.S California - Proposition 65 - Reproductive Toxicity -No significant risk level (NSRL)	No	No	No	No		
U.S California - Proposition 65 - Carcinogens ListU.S California - Proposition 65 - Developmental ToxicityU.S California - Proposition 65 - Reproductive Toxicity -U.S California - Proposition 65 - Reproductive Toxicity -No significant risk level (NSRL)	CELLULOSE UNLABELE	ED (9004-34-6)				
remaie Male	U.S California - Proposition 65 -	U.S California - Proposition 65 -	Proposition 65 -	Proposition 65 -	No significant risk level (NSRL)	
No No No No	No	No	No	No		
SOYBEAN OIL UNLABELED (8001-22-7)	SOYBEAN OIL UNLABEI	_ED (8001-22-7)			<u> </u>	
	U.S California - Proposition 65 -	U.S California - Proposition 65 -	Proposition 65 - Reproductive Toxicity -	Proposition 65 - Reproductive Toxicity -	No significant risk level (NSRL)	
21/08/2019 EN (English US) 11/-	21/08/2019	EN (F		1	11/15	

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SOYBEAN OIL UNLABEL				
No	No	No	No	
CALCIUM PHOSPHATE	DIBASIC UNLABELED (7757-9	93-9)		
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	
CALCIUM CARBONATE				
U.S California -	U.S California -	U.S California -	U.S California -	No significant risk level
Proposition 65 - Carcinogens List	Proposition 65 - Developmental Toxicity	Proposition 65 - Reproductive Toxicity - Female	Proposition 65 - Reproductive Toxicity - Male	(NSRL)
No	No	No	No	
MAGNESIUM CARBONA	TE UNLABELED (23389-33-5)			
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	
CALCIUM-44 CHLORIDE	(44Ca) (10043-52-4 (Unlabele	d))		
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	
	NATE UNLABELED (598-62-	۵۱ ۱		
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	
CUPRIC CARBONATE UI				
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	
TRACE MINERAL MIX, A	N-93G (06095)			
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 MIX, W/O CHOL	INE, A, D, E (83171)			
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	
CHOLINE BITARTRATE				
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)

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	OPHEROL) UNLABELED (CH			
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	
RETINYL PALMITATE (VI	TAMIN A PALMITATE) UNLA	BELED (79-81-2)		
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	
VITAMIN D3 (CHOLECAL	CIFEROL) UNLABELED (67-	97-0)		
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	
SPIRULINA WHOLE CELL	S (LYOPHILIZED POWDER) UNLABELED (N/A)		
State or local regulations				
U.S Pennsylvania - RTK U.S New Jersey - Right to	(Right to Know) List o Know Hazardous Substance	List		
SUCROSE UNLABELED (
State or local regulations				
U.S Massachusetts - Rig U.S Pennsylvania - RTK U.S New Jersey - Right to		List		
CORN STARCH UNLABE				
State or local regulations				
U.S Massachusetts - Rig U.S Pennsylvania - RTK U.S New Jersey - Right to		List		
MALTODEXTRIN UNLAB	ELED (9050-36-6)			
State or local regulations				
U.S Pennsylvania - RTK U.S New Jersey - Right to	(Right to Know) List o Know Hazardous Substance	List		
CELLULOSE UNLABELEI				
State or local regulations				
U.S New Jersey - Right to U.S Pennsylvania - RTK	o Know Hazardous Substance (Right to Know) List	List		
SOYBEAN OIL UNLABEL	· · ·			
State or local regulations				
U.S New Jersey - Right to U.S Pennsylvania - RTK	o Know Hazardous Substance (Right to Know) List	List		
CALCIUM PHOSPHATE D	BASIC UNLABELED (7757-	93-9)		
State or local regulations				
	(Right to Know) List			
	o Know Hazardous Substance	List		
U.S Pennsylvania - RTK U.S New Jersey - Right to CALCIUM CARBONATE L	o Know Hazardous Substance	List		
U.S New Jersey - Right to	o Know Hazardous Substance	List		

UNLABELED SPIRULINA MF-SPIRULINA-U

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

MAGNESIUM CARBONATE UNLABELED (23389-33-5)
State or local regulations
U.S Pennsylvania - RTK (Right to Know) List U.S New Jersey - Right to Know Hazardous Substance List
CALCIUM-44 CHLORIDE (44Ca) (10043-52-4 (Unlabeled))
State or local regulations
U.S Pennsylvania - RTK (Right to Know) List U.S New Jersey - Right to Know Hazardous Substance List
MANGANESE (II) CARBONATE UNLABELED (598-62-9)
State or local regulations
U.S New Jersey - Right to Know Hazardous Substance List U.S Pennsylvania - RTK (Right to Know) List
CUPRIC CARBONATE UNLABELED (1184-64-1)
State or local regulations
U.S Pennsylvania - RTK (Right to Know) List U.S New Jersey - Right to Know Hazardous Substance List
TRACE MINERAL MIX, AIN-93G (06095)
State or local regulations
U.S Pennsylvania - RTK (Right to Know) List U.S New Jersey - Right to Know Hazardous Substance List
VITAMIN MIX, W/O CHOLINE, A, D, E (83171)
State or local regulations
U.S Pennsylvania - RTK (Right to Know) List U.S New Jersey - Right to Know Hazardous Substance List
CHOLINE BITARTRATE UNLABELED (87-67-2)
State or local regulations
U.S Pennsylvania - RTK (Right to Know) List U.S New Jersey - Right to Know Hazardous Substance List
VITAMIN E (ALPHA-TOCOPHEROL) UNLABELED (CHEMICAL PURITY 96%) (59-02-9)
State or local regulations
U.S Pennsylvania - RTK (Right to Know) List U.S New Jersey - Right to Know Hazardous Substance List
RETINYL PALMITATE (VITAMIN A PALMITATE) UNLABELED (79-81-2)
State or local regulations
U.S Pennsylvania - RTK (Right to Know) List U.S New Jersey - Right to Know Hazardous Substance List
VITAMIN D3 (CHOLECALCIFEROL) UNLABELED (67-97-0)
State or local regulations
U.S Pennsylvania - RTK (Right to Know) List 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. 2 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 2
Acute Tox. 3 (Dermal)	Acute toxicity (dermal) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1

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Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 4	Hazardous to the aquatic environment - Chronic Hazard Category 4
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Repr. 1B	Reproductive toxicity Category 1B
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
H301	Toxic if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin
H319	Causes serious eye irritation
H330	Fatal if inhaled
H360	May damage fertility or the unborn child
H372	Causes damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H413	May cause long lasting harmful effects to aquatic life
R22	Harmful if swallowed
R26/27/28	Very toxic by inhalation, in contact with skin and if swallowed
R36	Irritating to eyes
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R53	May cause long-term adverse effects in the aquatic environment
R60	May impair fertility
R61	May cause harm to the unborn child
N	Dangerous for the environment
T+	Very toxic
Xi	Irritant
Xn	Harmful

NFPA health hazard	: 0 - Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.
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.
Hazard Rating	
Health	: 0 Minimal Hazard - No significant risk to health
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