



# Mouse Express UNLABELED MOUSE FEED IRRADIATED 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

Date of issue: 26/02/2013

Revision date: 04/11/2019

Supersedes: 26/02/2013

Version: 2.0

MF-SPIRULINA-U-IR

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

### 1.1. Product identifier

Product form : Mixtures  
Product name : Mouse Express UNLABELED MOUSE FEED IRRADIATED PREPARED WITH UNLABELED SPIRULINA  
Product code : MF-SPIRULINA-U-IR

### 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](mailto:cilsales@isotope.com) [www.isotope.com](http://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]

Not classified

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

Not classified

#### GHS-US classification

Not classified

#### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

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

No labeling applicable

#### GHS-US labeling

No labeling applicable

### 2.3. Other hazards

No additional information available

# Mouse Express UNLABELED MOUSE FEED IRRADIATED PREPARED WITH UNLABELED SPIRULINA

MF-SPIRULINA-U-IR

## 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

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Directive 67/548/EEC
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
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

# Mouse Express UNLABELED MOUSE FEED IRRADIATED PREPARED WITH UNLABELED SPIRULINA

MF-SPIRULINA-U-IR

## 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

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
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	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.

# Mouse Express UNLABELED MOUSE FEED IRRADIATED PREPARED WITH UNLABELED SPIRULINA

MF-SPIRULINA-U-IR

## 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

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 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 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 (CO<sub>2</sub>).

### 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 product at 4°C or lower.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

# Mouse Express UNLABELED MOUSE FEED IRRADIATED PREPARED WITH UNLABELED SPIRULINA

MF-SPIRULINA-U-IR

## 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

<b>SUCROSE UNLABELED (57-50-1)</b>		
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
<b>CORN STARCH UNLABELED (9005-25-8)</b>		
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> Dermatitis. Not classifiable as a human carcinogen
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup>
<b>CELLULOSE UNLABELED (9004-34-6)</b>		
Belgium	Limit value (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (Cellulose; Belgium; Time-weighted average exposure limit 8 h)
France	VME (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (Cellulose (fibre de papier); France; Time-weighted average exposure limit 8 h; VL: Valeur non réglementaire indicative)
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (Cellulose; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Cotton dust, raw, untreated; 0.1 mg/m <sup>3</sup> ; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Thoracic fraction)
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> Cellulose inhalable dust; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005); Cellulose respirable dust; 4 mg/m <sup>3</sup> ; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005)
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	20 mg/m <sup>3</sup> Cellulose inhalable dust; United Kingdom; Short time value; Workplace exposure limit (EH40/2005)
<b>SOYBEAN OIL UNLABELED (8001-22-7)</b>		
Belgium	Limit value (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (Huiles végétales (brouillards); Belgium; Time-weighted average exposure limit 8 h)
<b>CALCIUM CARBONATE UNLABELED (471-34-1)</b>		
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> Basis: ACGIH Threshold Limit Values (TLV)
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> Basis: NIOSH Recommended Exposure Limits
USA NIOSH	NIOSH REL (ceiling) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> 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/m <sup>3</sup> )	15 mg/m <sup>3</sup> Basis: USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
USA OSHA	OSHA PEL (STEL) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> Basis: California permissible exposure limits for chemical contaminants (Title 8, Article 107)
USA OSHA	OSHA PEL (Ceiling) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 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)
<b>MAGNESIUM CARBONATE UNLABELED (23389-33-5)</b>		
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 10 mg/m <sup>3</sup> 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/m <sup>3</sup> )	15 mg/m <sup>3</sup> 5 mg/m <sup>3</sup> Basis: USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
<b>MANGANESE (II) CARBONATE UNLABELED (598-62-9)</b>		
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	0.2 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
USA OSHA	Remark (OSHA)	Ceiling for manganese compounds as Mn

# Mouse Express UNLABELED MOUSE FEED IRRADIATED PREPARED WITH UNLABELED SPIRULINA

MF-SPIRULINA-U-IR

## 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

CUPRIC CARBONATE UNLABELED (1184-64-1)		
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup> Basis: USA. NIOSH Recommended Exposure Limits
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	1 Basis: California permissible exposure limits for chemical contaminants (Title 8, Article 107)
CALCIUM-44 CHLORIDE (44Ca) (10043-52-4 (Unlabeled))		
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> Ontario Table of Occupational Exposure Limits made under the Occupational Health and Safety Act.

### 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.



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 : Pellets

Color : Green

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

# Mouse Express UNLABELED MOUSE FEED IRRADIATED PREPARED WITH UNLABELED SPIRULINA

MF-SPIRULINA-U-IR

## 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

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

Six months unopened when 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, CO<sub>2</sub>).

### SECTION 11: Toxicological information

#### 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 UNLABELED (7757-93-9)	
LD50 oral rat	7940 mg/kg female

CALCIUM CARBONATE UNLABELED (471-34-1)	
LD50 oral rat	6450 mg/kg

CUPRIC CARBONATE UNLABELED (1184-64-1)	
ATE CLP (oral)	500.000 mg/kg body weight

RETINYL PALMITATE (VITAMIN A PALMITATE) UNLABELED (79-81-2)	
LD50 oral rat	> 2000 mg/kg

VITAMIN D3 (CHOLECALCIFEROL) UNLABELED (67-97-0)	
LD50 oral rat	35 - 47 mg/kg
ATE CLP (oral)	35.000 mg/kg body weight
ATE CLP (dermal)	300.000 mg/kg body weight
ATE CLP (dust, mist)	0.050 mg/l/4h

CALCIUM-44 CHLORIDE (44Ca) (10043-52-4 (Unlabeled))	
LD50 oral rat	2301 mg/kg

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.



# Mouse Express UNLABELED MOUSE FEED IRRADIATED PREPARED WITH UNLABELED SPIRULINA

MF-SPIRULINA-U-IR

## 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

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.

## 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.

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)
RETINYL PALMITATE (VITAMIN A PALMITATE) UNLABELED (79-81-2)	
LC50 fish 1	> 10000 mg/l <i>Leuciscus idus</i> (Golden orfe) - 96 h
EC50 Daphnia 1	> 100 mg/l <i>Daphnia magna</i> (Water flea) - 48 h
EC50 other aquatic organisms 1	152.94 mg/l <i>Desmodesmus subspicatus</i> (green algae) - 72 h
CALCIUM-44 CHLORIDE (44Ca) (10043-52-4 (Unlabeled))	
LC50 fish 1	10650 mg/l - <i>Lepomis macrochirus</i> - 96 h
EC50 Daphnia 1	2400 mg/l - <i>Daphnia magna</i> (Water flea) - 48 h Method: OECD Test Guideline 202

### 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 PALMITATE) UNLABELED (79-81-2)	
Persistence and degradability	Biodegradability aerobic - Exposure time 28 d.
Biodegradation	50 - 60 % Partially biodegradable
VITAMIN D3 (CHOLECALCIFEROL) UNLABELED (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 PALMITATE) UNLABELED (79-81-2)	
Log Pow	10.3
Bioaccumulative potential	Not available.
VITAMIN D3 (CHOLECALCIFEROL) UNLABELED (67-97-0)	
Bioaccumulative potential	Not available.

### 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.



# Mouse Express UNLABELED MOUSE FEED IRRADIATED PREPARED WITH UNLABELED SPIRULINA

MF-SPIRULINA-U-IR

## 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

### VITAMIN D3 (CHOLECALCIFEROL) UNLABELED (67-97-0)

Ecology - soil	Not 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

#### 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

##### Mouse Express UNLABELED MOUSE FEED IRRADIATED PREPARED 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.

# Mouse Express UNLABELED MOUSE FEED IRRADIATED PREPARED WITH UNLABELED SPIRULINA

MF-SPIRULINA-U-IR

## 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

<b>MALTODEXTRIN UNLABELED (9050-36-6)</b>	
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.
<b>CELLULOSE UNLABELED (9004-34-6)</b>	
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.
<b>SOYBEAN OIL UNLABELED (8001-22-7)</b>	
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.
<b>CALCIUM PHOSPHATE DIBASIC UNLABELED (7757-93-9)</b>	
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.
<b>CALCIUM CARBONATE UNLABELED (471-34-1)</b>	
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.
<b>MAGNESIUM CARBONATE UNLABELED (23389-33-5)</b>	
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.
<b>MANGANESE (II) CARBONATE UNLABELED (598-62-9)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
<b>CUPRIC CARBONATE UNLABELED (1184-64-1)</b>	
Not listed on the United States TSCA (Toxic Substances Control Act) inventory	
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.
<b>TRACE MINERAL MIX, AIN-93G (06095)</b>	
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.
<b>VITAMIN MIX, W/O CHOLINE, A, D, E (83171)</b>	
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.
<b>CHOLINE BITARTRATE UNLABELED (87-67-2)</b>	
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.
<b>VITAMIN E (ALPHA-TOCOPHEROL) UNLABELED (CHEMICAL PURITY 96%) (59-02-9)</b>	
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.
<b>RETINYL PALMITATE (VITAMIN A PALMITATE) UNLABELED (79-81-2)</b>	
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard
<b>VITAMIN D3 (CHOLECALCIFEROL) UNLABELED (67-97-0)</b>	
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

# Mouse Express UNLABELED MOUSE FEED IRRADIATED PREPARED WITH UNLABELED SPIRULINA

MF-SPIRULINA-U-IR

## 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

### CALCIUM-44 CHLORIDE (44Ca) (10043-52-4 (Unlabeled))

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

#### Mouse Express UNLABELED MOUSE FEED IRRADIATED PREPARED WITH UNLABELED SPIRULINA

Not 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

#### CUPRIC CARBONATE UNLABELED (1184-64-1)

## 15.3. US State regulations

### Mouse Express UNLABELED MOUSE FEED IRRADIATED PREPARED WITH UNLABELED SPIRULINA()

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

### SPIRULINA WHOLE CELLS (LYOPHILIZED POWDER) UNLABELED (N/A)

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	

### 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 level (NSRL)
No	No	No	No	

### CORN STARCH UNLABELED (9005-25-8)

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	

### 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 - 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	

# Mouse Express UNLABELED MOUSE FEED IRRADIATED PREPARED WITH UNLABELED SPIRULINA

MF-SPIRULINA-U-IR

## 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

<b>SOYBEAN OIL UNLABELED (8001-22-7)</b>				
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	
<b>CALCIUM PHOSPHATE DIBASIC UNLABELED (7757-93-9)</b>				
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	
<b>CALCIUM CARBONATE UNLABELED (471-34-1)</b>				
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	
<b>MAGNESIUM CARBONATE UNLABELED (23389-33-5)</b>				
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	
<b>MANGANESE (II) CARBONATE UNLABELED (598-62-9)</b>				
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	
<b>CUPRIC CARBONATE UNLABELED (1184-64-1)</b>				
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	
<b>TRACE MINERAL MIX, AIN-93G (06095)</b>				
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	
<b>VITAMIN MIX, W/O CHOLINE, A, D, E (83171)</b>				
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	
<b>CHOLINE BITARTRATE UNLABELED (87-67-2)</b>				
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	
<b>VITAMIN E (ALPHA-TOCOPHEROL) UNLABELED (CHEMICAL PURITY 96%) (59-02-9)</b>				
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	

# Mouse Express UNLABELED MOUSE FEED IRRADIATED PREPARED WITH UNLABELED SPIRULINA

MF-SPIRULINA-U-IR

## 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

<b>VITAMIN E (ALPHA-TOCOPHEROL) UNLABELED (CHEMICAL PURITY 96%) (59-02-9)</b>				
		Female	Male	
No	No	No	No	
<b>RETINYL PALMITATE (VITAMIN A PALMITATE) UNLABELED (79-81-2)</b>				
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	
<b>VITAMIN D3 (CHOLECALCIFEROL) UNLABELED (67-97-0)</b>				
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	
<b>CALCIUM-44 CHLORIDE (44Ca) (10043-52-4 (Unlabeled))</b>				
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	
<b>SPIRULINA WHOLE CELLS (LYOPHILIZED POWDER) UNLABELED (N/A)</b>				
<b>State or local regulations</b>				
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List				
<b>SUCROSE UNLABELED (57-50-1)</b>				
<b>State or local regulations</b>				
U.S. - Massachusetts - Right To Know List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List				
<b>CORN STARCH UNLABELED (9005-25-8)</b>				
<b>State or local regulations</b>				
U.S. - Massachusetts - Right To Know List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List				
<b>MALTODEXTRIN UNLABELED (9050-36-6)</b>				
<b>State or local regulations</b>				
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List				
<b>CELLULOSE UNLABELED (9004-34-6)</b>				
<b>State or local regulations</b>				
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List				
<b>SOYBEAN OIL UNLABELED (8001-22-7)</b>				
<b>State or local regulations</b>				
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List				
<b>CALCIUM PHOSPHATE DIBASIC UNLABELED (7757-93-9)</b>				
<b>State or local regulations</b>				
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List				

# Mouse Express UNLABELED MOUSE FEED IRRADIATED PREPARED WITH UNLABELED SPIRULINA

MF-SPIRULINA-U-IR

## 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

<b>CALCIUM CARBONATE UNLABELED (471-34-1)</b>
<b>State or local regulations</b>
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List
<b>MAGNESIUM CARBONATE UNLABELED (23389-33-5)</b>
<b>State or local regulations</b>
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List
<b>MANGANESE (II) CARBONATE UNLABELED (598-62-9)</b>
<b>State or local regulations</b>
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
<b>CUPRIC CARBONATE UNLABELED (1184-64-1)</b>
<b>State or local regulations</b>
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List
<b>TRACE MINERAL MIX, AIN-93G (06095)</b>
<b>State or local regulations</b>
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List
<b>VITAMIN MIX, W/O CHOLINE, A, D, E (83171)</b>
<b>State or local regulations</b>
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List
<b>CHOLINE BITARTRATE UNLABELED (87-67-2)</b>
<b>State or local regulations</b>
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List
<b>VITAMIN E (ALPHA-TOCOPHEROL) UNLABELED (CHEMICAL PURITY 96%) (59-02-9)</b>
<b>State or local regulations</b>
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List
<b>RETINYL PALMITATE (VITAMIN A PALMITATE) UNLABELED (79-81-2)</b>
<b>State or local regulations</b>
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List
<b>VITAMIN D3 (CHOLECALCIFEROL) UNLABELED (67-97-0)</b>
<b>State or local regulations</b>
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List
<b>CALCIUM-44 CHLORIDE (44Ca) (10043-52-4 (Unlabeled))</b>
<b>State or local regulations</b>
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:

# Mouse Express UNLABELED MOUSE FEED IRRADIATED PREPARED WITH UNLABELED SPIRULINA

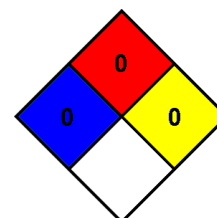
MF-SPIRULINA-U-IR

## 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

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
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*