# **Safety Data Sheet**

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Last Revision Date 23-Oct-2024 Version: 3

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

1.1. Product identifier

Product Name Peters Professional Plant Finisher 9-10-38+3MgO+TE

Product Code 2102-215HA

Unique Formula Identifier (UFI) 3GT5-G08F-G00Y-43HK

Safety data sheet number 2102-215HA

REACH registration number

Not applicable
Pure substance/mixture

Mixture

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

**Recommended Use** Fertilizer (PC12). Restricted to professional users.

Uses Advised Against Consumer use (SU21)

Reason why uses advised against Use advised against in Chemical Safety Assessment per REACH Annex I point 7 2.3

1.3. Details of the supplier of the safety data sheet

Everris International B.V.Nijverheidsweg 1-5; 6422 PD Heerlen (NL); Tel: +31 (0)45-5609100; Fax: +31 (0)45-5609190

For further information, please contact: INFO-RA@ICL-GROUP.COM

Non-Emergency Telephone Number +31 (0) 418655700

1.4. Emergency telephone number

IN CASE OF AN EMERGENCY CALL: +44 1235 239 670 (24/7)

Europe	112		
Austria	+43 1 406 43 43		
Belgium	+32 (0) 70 245 245		
Denmark	+45 8212 1212		
Finland	0800 147 111		
France	+33 (0)1 45 42 59		
Ireland	01 809 2566		
Netherlands	088 755 8000 (24/7)		
Norway	+47 22 59 13 00		
Poland	+48 42 2538 400		
Portugal	+351 800 250 250		
Spain	+34 91 562 04 20		
Sweden	112		
Switzerland	Tox Info SW 145 (24h)		
United Kingdom	111		

# **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

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

Oxidizing solids	Category 2 - (H272)
------------------	---------------------

### 2.2. Label elements



Signal word Danger

### **Hazard statements**

H272 - May intensify fire; oxidizer

### Precautionary Statements - EU (§28, 1272/2008)

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P220 - Keep away from clothing and other combustible materials

P280 - Wear protective gloves/protective clothing/eye protection/face protection

### 2.3. Other hazards

No information available.

# **SECTION 3: Composition/information on ingredients**

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Chemical name	EC No (EU Index No)	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH registration number	M-Factor	M-Factor (long-term)
Iron-DTPA-13; Fe-DTPA (12389-75-2)	235-627-0	1 - 5%	-	-	01-2119980786- 18	-	-
Boric acid; H <sub>3</sub> BO <sub>3</sub> (10043-35-3)	233-139-2 (005-007-00-2)	0.1 - 0.3%	Repr. 1B (H360FD)	-	01-2119486683- 25	-	-
Sodium molybdate; Na <sub>2</sub> MoO <sub>4</sub> (7631-95-0)	231-551-7	< 0.1%	-	-	01-2119489495- 21	-	-

<sup>\*</sup>The exact percentage (concentration) of composition has been withheld as a trade secret

### Full text of H- and EUH-phrases: see section 16

# **Acute Toxicity Estimate**

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L
Boric acid; H <sub>3</sub> BO <sub>3</sub>	2660	2000	2.12
Sodium molybdate; Na <sub>2</sub> MoO <sub>4</sub>	4000	2000	No data available

This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Chemical name	CAS No.	SVHC candidates
Boric acid; H <sub>3</sub> BO <sub>3</sub>	10043-35-3	X

## **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

General advice In case of accident or unwellness, seek medical advice immediately (show directions for use

or safety data sheet if possible). First aid measures should be executed by trained

personnel only.

**In the case of inhalation**In the case of inhalation of aerosol/mist consult a physician if necessary. If not breathing,

give artificial respiration. If symptoms persist, call a physician. Dusty conditions are unlikely if product is used as intended. However, if prolonged inhalation of dust occurs, remove

casualty to fresh air.

**Eye contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a physician.

**Skin contact**Wash skin with soap and water. In the case of skin irritation or allergic reactions see a

physician.

**Ingestion** Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth

to an unconscious person. Do not induce vomiting without medical advice.

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

Symptoms None known.

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

# **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

surrounding environment.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media**Do not scatter spilled material with high pressure water streams.

### 5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Thermal decomposition can lead to release of irritating and toxic gases and vapors The product itself does not burn May intensify fire: oxidizer

Hazardous Combustion Products Thermal decomposition can lead to release of toxic/corrosive gases and vapors.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

# **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Ensure adequate ventilation. Wear protective gloves/clothing and eye/face protection.

**Other information** Refer to protective measures listed in Sections 7 and 8.

**For emergency responders**Use personal protection recommended in Section 8. Prevent entry into waterways, sewers,

basements or confined areas.

6.2. Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information. Do not flush into surface water or

sanitary sewer system.

6.3. Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal. Use up product

completely. Packaging material is industrial waste.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

**Reference to other sections** See section 8 for more information. See section 13 for more information.

# SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Advice on safe handling Ensure adequate ventilation. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid

contact with eyes. Avoid generation of dust. In case of insufficient ventilation, wear suitable

respiratory equipment.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice. Keep away from

food, drink and animal feeding stuffs. When using do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions KEEP OUT OF REACH OF CHILDREN AND PETS. Keep container tightly closed in a dry

and well-ventilated place. For quality reasons: Keep out of reach of direct sunlight, store under dry conditions, partly used packaging should be closed well. Keep away from frost.

Packaging materials Keep in original container, tightly closed in a safe place.

7.3. Specific end use(s)

Specific use(s) Fertilizer.

**Exposure scenario** Mixture. Not required.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

### **Other Information**

PGS-7 (The Netherlands) 1.3/C LGK (Germany) TRGS 510 5.1B

# **SECTION 8: Exposure controls/personal protection**

## 8.1. Control parameters

### **Exposure Limits**

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Iron-DTPA-13; Fe-DTPA	-	-	TWA: 1 mg/m <sup>3</sup>	TWA: 1.0 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 2 mg/m <sup>3</sup>
Boric acid; H <sub>3</sub> BO <sub>3</sub>	1	-	TWA: 2 mg/m <sup>3</sup> STEL: 6 mg/m <sup>3</sup>	TWA: 5.0 mg/m <sup>3</sup>	-
Sodium molybdate; Na <sub>2</sub> MoO <sub>4</sub>	-	TWA: 5 mg/m <sup>3</sup> STEL 10 mg/m <sup>3</sup>	TWA: 0.5 mg/m <sup>3</sup>	TWA: 5.0 mg/m <sup>3</sup> TWA: 10.0 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Iron-DTPA-13; Fe-DTPA	-	-	TWA: 1 mg/m <sup>3</sup> STEL: 2 mg/m <sup>3</sup>	-	TWA: 1 mg/m <sup>3</sup>
Sodium molybdate; Na <sub>2</sub> MoO <sub>4</sub>	-	TWA: 5 mg/m <sup>3</sup> Ceiling: 25 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	TWA: 0.5 mg/m <sup>3</sup>
Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
Iron-DTPA-13; Fe-DTPA	-	-	-	TWA: 1 mg/m³ STEL: 2 mg/m³	-
Boric acid; H <sub>3</sub> BO <sub>3</sub>	-	TWA: 0.5 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> Peak: 10 mg/m <sup>3</sup>	-	-
Sodium molybdate; Na <sub>2</sub> MoO <sub>4</sub>	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	-	-	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>
Chemical name	Italy MDLPS	Latvia	Lithuania	Luxembourg	Netherlands
Boric acid; H <sub>3</sub> BO <sub>3</sub>	ı	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	-	-
Sodium molybdate; Na <sub>2</sub> MoO <sub>4</sub>	1	-	TWA: 5 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup>	1	-
Chemical name	Norway	Poland	Portugal	Romania	Slovakia
Iron-DTPA-13; Fe-DTPA	TWA: 1 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>	-	TWA: 1 mg/m <sup>3</sup>	-	-
Boric acid; H <sub>3</sub> BO <sub>3</sub>	-	-	TWA: 2 mg/m <sup>3</sup> STEL: 6 mg/m <sup>3</sup>	-	-
Sodium molybdate; Na <sub>2</sub> MoO <sub>4</sub>	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 4 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 0.5 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup> STEL: 5 mg/m <sup>3</sup>	-
Chemical name	Slovenia	Spain	Sweden	Switzerland	United Kingdom
Iron-DTPA-13; Fe-DTPA	1	TWA: 1 mg/m <sup>3</sup>	1	TWA: 1 mg/m <sup>3</sup>	TWA: 1 mg/m³ STEL: 2 mg/m³
Boric acid; H <sub>3</sub> BO <sub>3</sub>	TWA: 0.5 mg/m <sup>3</sup> STEL: 1.0 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup> STEL: 6 mg/m <sup>3</sup>	-	TWA: 1.8 mg/m <sup>3</sup> STEL: 1.8 mg/m <sup>3</sup>	-
Sodium molybdate; Na <sub>2</sub> MoO <sub>4</sub>	-	TWA: 0.5 mg/m <sup>3</sup>	NGV: 5 mg/m <sup>3</sup> NGV: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m³ STEL: 10 mg/m³

### **Biological occupational exposure limits**

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Chemical name	Denmark	Finland	France	Germany DFG	Germany TRGS
Sodium molybdate;	-	-	-	150 µg/L - BAR (end	-
Na <sub>2</sub> MoO <sub>4</sub>				of exposure or end	
				of shift) urine	

No information available. **Derived No Effect Level (DNEL)** 

8.2. Exposure controls

Personal protective equipment Wear normal, light working clothing

Eye/face protection Wear safety glasses with side shields (or goggles).

Nitrile rubber (0.26 mm). Break through time. > 8 h. Hand protection

Skin and body protection Lightweight protective clothing.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

**Environmental exposure controls** Local authorities should be advised if significant spillages cannot be contained. Prevent

product from entering drains.

# **SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and chemical properties

Physical state Solid Appearance: Powder(s) Color: Off-white Fertilizer. Odor:

Values Remarks • Method Property

**Melting Point/Freezing Point:** No data available None known **Boiling Point/Range:** No data available None known Flammability (solid, gas): None known No data available Flammability Limits in Air: None known

**Upper Flammability Limit:** Not applicable Lower Flammability Limit: Not applicable

No data available Flash Point: None known No data available **Autoignition Temperature:** None known

**Decomposition Temperature:** None known

4.5 (@ 200 g/l) pН

pH (as aqueous solution) None known No data available **Kinematic Viscosity:** No data available None known **Dynamic Viscosity:** No data available None known Water solubility No data available None known Solubility(ies) No data available None known **Partition Coefficient:** No data available None known No data available **Vapor Pressure:** None known No data available None known

Relative density No data available **Bulk density** 

Density: No data available

No data available None known Vapour density

Particle characteristics

**Particle Size** No data available No data available **Particle Size Distribution** 

### 9.2. Other information Not applicable

9.2.1. Information with regard to physical hazard classes Not applicable

9.2.2. Other safety characteristics

No information available

# SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Not reactive.

Remarks: Stable under recommended storage conditions, Not reactive.

10.2. Chemical stability

**Stability** Stable under normal conditions.

Specific methods:

Sensitivity to mechanical impact Not sensitive. Sensitivity to static discharge Not sensitive.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions 
None under normal processing.

10.4. Conditions to avoid

**Conditions to avoid** Keep away from open flames, hot surfaces and sources of ignition.

10.5. Incompatible materials

Incompatible materials Keep away from catalysts like derivates of hexavalent chromium and metal halides. Keep

away from flammable products (fuels) like charcoal, wood, flour, soot etc.

10.6. Hazardous decomposition products

Hazardous Decomposition Products None under normal use conditions. None under normal processing. Thermal decomposition

can lead to release of irritating and toxic gases and vapors.

### SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

### Information on likely routes of exposure

**Product Information** 

**Inhalation** Specific test data for the substance or mixture is not available. Inhalation of dust in high

concentration may cause irritation of respiratory system.

**Eye contact** Specific test data for the substance or mixture is not available. May cause irritation.

**Skin contact** May cause irritation.

**Ingestion** May cause gastrointestinal discomfort if consumed in large amounts.

Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** No information available.

Numerical measures of toxicity

### **Acute toxicity**

1 % of the mixture consists of ingredient(s) of unknown acute toxicity

### **Component Information**

Chemical name	emical name Oral LD50 Dermal LD50		Inhalation LC50	
Iron-DTPA-13; Fe-DTPA	-	-	> 5.08 mg/L (Rat) 4 h	
Boric acid; H₃BO₃	= 2660 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 2.12 mg/L (Rat)4 h	
Sodium molybdate; Na <sub>2</sub> MoO <sub>4</sub>	= 4000 mg/kg (Rat)	> 2000 mg/kg (Rat)	> 5.84 mg/L (Rat)4 h	

### Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure:

**Skin corrosion/irritation**No information available.

Serious eye damage/eye irritation No information available.

**Respiratory or skin sensitization** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity**Based on available data, the classification criteria are not met. **Reproductive toxicity**Based on available data, the classification criteria are not met.

	Chemical name	European Union
ſ	Boric acid; H <sub>3</sub> BO <sub>3</sub>	Repr. 1B
- 1	10043-35-3	·

The table below indicates ingredients above the cut-off threshold considered as relevant

which are listed as reproductive toxins.

STOT - single exposure STOT - repeated exposure

Aspiration hazard Endocrine disrupting properties

Not applicable.

Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met Based on available data, the classification criteria are not met

# **SECTION 12: Ecological information**

### 12.1. Toxicity

### **Ecotoxicity**

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Iron-DTPA-13; Fe-DTPA	-	LC50: >100mg/L (96h,	5	-
,		Danio rerio)		
Boric acid; H <sub>3</sub> BO <sub>3</sub>	-	-	-	EC50: 115 - 153mg/L
				l (48h. Daphnia magna)

# 12.2. Persistence and degradability

Persistence and Degradability: No information available.

### 12.3. Bioaccumulative potential

**Bioaccumulation** There is no data for this product.

**Component Information** 

Chemical name	Partition coefficient	
Boric acid; H <sub>3</sub> BO <sub>3</sub>	-1.09	

### 12.4. Mobility in soil

no data available. Mobility in soil **Mobility** no data available.

### 12.5. Results of PBT and vPvB assessment

### PBT and vPvB assessment

Chemical name	PBT and vPvB assessment
Iron-DTPA-13; Fe-DTPA	The substance is not PBT / vPvB
Boric acid; H <sub>3</sub> BO <sub>3</sub>	The substance is not PBT / vPvB
Sodium molybdate; Na₂MoO₄	The substance is not PBT / vPvB

### 12.6. Endocrine disrupting properties

### 12.7. Other adverse effects

. No information available.

# **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

Waste from residues/unused

products

Dispose of in accordance with local regulations. Dispose of waste in accordance with

environmental legislation.

Do not reuse empty containers. Contaminated packaging

Use up product completely. Packaging material is industrial waste. If material is Other Information

uncontaminated, collect and reuse as recommended for product.

# **SECTION 14: Transport information**

IMDG

14.1

UN-No: 1479

14.2

Proper shipping name: Oxidizing solid, N.O.S. (Potassium nitrate)

14.3

Transport hazard class(es) 5.1

14.4

Packing group: PG II

14.5

**Marine Pollutant:** Not regulated

14.6 F-A / S-Q EmS:

**Special Provisions** 223, 274, 900 14.7

Bulk transport according Annex II of MARPOL and IBC Code No data available

14.1

UN-No:

14.2

Proper shipping name:

14.3

Transport hazard class(es)

14.4

Packing group: 14.5

**Environmental hazards** 

14.6

**Special Provisions Tunnel restriction code**  Not regulated

1479

PG II

1479

274 Ε

IATA

14.1

**UN** number or ID number

14.2

Proper shipping name:

Oxidizing solid, N.O.S. (Potassium nitrate)

Oxidizing solid, N.O.S. (Potassium nitrate)

14.3

Transport hazard class(es)

14.4

**Packing group** 

PG II

5.1

АЗ

14.5

**Environmental hazards** 

Not regulated

14.6

**Special Provisions** 



# **SECTION 15: Regulatory information**

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

# National regulations

**Denmark** 

**France** 

**ICPE** Classified installation: article 4706

Germany

LGK (Germany) TRGS 510 5.1B

Gefahrstoffverordnung (Germany) TRGS 511 Not regulated

non-hazardous to water (nwg) Water hazard class (WGK)

Chemical name	German WGK Section
Boric acid; H <sub>3</sub> BO <sub>3</sub>	Reg. no. 315, hazard class 1 - slightly hazardous to water

# 2102-215HA --- Peters Professional Plant Finisher 9-10-38+3MgO+TE

Chemical name	German WGK Section
Sodium molybdate; Na <sub>2</sub> MoO <sub>4</sub>	Reg. no. 638, hazard class 1 - slightly hazardous to water

### **Netherlands**

Chemical name	Netherlands - List of Carcinogens	Netherlands - List of Mutagens	Netherlands - List of Reproductive Toxins
Boric acid; H <sub>3</sub> BO <sub>3</sub>	-	-	Fertility Category 1B
			Development Category 1B
Sodium molybdate; Na <sub>2</sub> MoO <sub>4</sub>	-	-	Fertility Category 2

### **European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

### Take note of Directive 94/33/EC on the protection of young people at work

Not to be used by professional users below 18 years of age, see the National Working Environment Authorities Executive Order on young peoples dangerous work.

### Authorizations and/or restrictions on use:

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorization per REACH Annex XIV
	Use restricted. See entry 30.	-
Boric acid; H <sub>3</sub> BO <sub>3</sub>	Use restricted. See entry 75.	

### REGULATION (EU) 2019/1148 on the marketing and use of explosives precursors

Not regulated

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

EU - Plant Protection Products (1107/2009/EC)

Biocidal Products Regulation (EU) No 528/2012 (BPR)

blocidal Froducts Regulation (EO) No SZS/ZUTZ (BFR)		
Chemical name	Biocidal Products Regulation (EU) No 528/2012 (BPR)	
	Product-type 8: Wood preservatives	
Boric acid; H <sub>3</sub> BO <sub>3</sub>		

### International Inventories:

TSCA This product complies with USINV This product does not comply with phil:

Australian Inventory of Chemical This product does not comply with AICS

**Substances** 

Legend:

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances **IECSC** - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

### 15.2. Chemical safety assessment

Chemical Safety Report Substance(s) usage is covered according to Reach regulation 1907/2006

### **SECTION 16: Other information**

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of H-Statements referred to under section 3

H360FD - May damage fertility. May damage the unborn child

#### Legend

SVHC: Substances of Very High Concern for Authorization:
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances
vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value Sk\* Skin designation

### Classification procedure

· Calculation method

· Expert judgment and weight of evidence determination

Classification properly up		
Classification procedure		
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used	
Acute oral toxicity	Calculation method	
Acute dermal toxicity	Calculation method	
Acute inhalation toxicity - gas	Calculation method	
Acute inhalation toxicity - vapor	Calculation method	
Acute inhalation toxicity - dust/mist	Calculation method	
Skin corrosion/irritation	Calculation method	
Serious eye damage/eye irritation	Calculation method	
Respiratory sensitization	Calculation method	
Skin sensitization	Calculation method	
Mutagenicity	Calculation method	
Carcinogenicity	Calculation method	
Reproductive toxicity	Calculation method	
STOT - single exposure	Calculation method	
STOT - repeated exposure	Calculation method	
Acute aquatic toxicity	Calculation method	
Chronic aquatic toxicity	Calculation method	
Aspiration hazard	Calculation method	
Ozone	Calculation method	

### Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

# 2102-215HA --- Peters Professional Plant Finisher 9-10-38+3MgO+TE

International Uniform Chemical Information Database (IUCLID)

Japan GHS Classification

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

Organization for Economic Co-operation and Development Environment, Health, and Safety Publications Organization for Economic Co-operation and Development High Production Volume Chemicals Program

Organization for Economic Co-operation and Development Screening Information Data Set

World Health Organization

Prepared by Regulatory Affairs Department (INFO-MSDS@EVERRIS.COM)

Last Revision Date 23-Oct-2024

**Restrictions on use** Restricted to professional users.

# This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 Disclaimer

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**End of Safety Data Sheet** 

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