# **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

Revision Date 28-Jun-2021

Version: 1

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

1.1. Product identifier Product Name Product Code Unique Formula Identifier (UFI) Pure substance/mixture

Peters Excel CalMag Finisher 14-5-21+7CaO+2MgO+TE 2150-215HA 7KX5-S0DH-600Q-VGGP 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-MSDS@EVERRIS.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)

Austria	+43 1 406 43 43			
Belgium	070 245 245			
Denmark	+45 8212 1212			
Finland	0800 147 111			
France	+ 33 (0)1 45 42 59			
Ireland	01 809 2566			
Netherlands	+31 88 75 585 61			
Norway	+45 735 80500			
Poland	+48 42 2538 400			
Portugal	+351 800 250 250			
Spain	+34 91 562 04 20			
Sweden	112			
Switzerland	Tox Info Switzerland 145 (24h)			
United Kingdom	111			

# 2.1. Classification of the substance or mixture

Regulation (EC) NO 1272/2008	
Acute toxicity - Oral	Category 4 - (H302)
Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 1 - (H318)
Oxidizing solids	Category 3 - (H272)

2.2. Label elements

2150-215HA --- Peters Excel CalMag Finisher 14-5-21+7CaO+2MgO+TE



Contains Nitric acid ammonium calcium salt; CaH4N2O3, Urea phosphate; CH7N2O5P Signal word Danger

### Hazard statements

H302 - Harmful if swallowed H315 - Causes skin irritation H318 - Causes serious eye damage H272 - May intensify fire; oxidizer

#### Precautionary Statements - EU (528, 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
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a POISON CENTER or doctor

#### Additional information

This product requires tactile warnings if supplied to the general public.

#### 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	Weight-%	Classification according to Regulation (EC)	Specific concentration limit (SCL)	REACH registration number	M-Factor	M-Factor (long-term
			No. 1272/2008 [CLP]		number		,
Potassium nitrate; KNO <sub>3</sub> (7757-79-1)	231-818-8	40 - 65%	Ox. Sol. 3 (H272)	-	01-2119488224-35	-	-
Nitric acid ammonium calcium salt; CaH4N2O3 (15245-12-2)	239-289-5	25 - 40%	Eye Dam. 1 (H318) Acute Tox. 4 (H302)	-	01-2119493947-16	-	-
Urea phosphate; CH7N2O₅P (4861-19-2)	225-464-3	10 - 25%	Skin Corr. 1B (H314)	Skin Corr. 1B :: C>=25% Skin Irrit. 2 :: 10%<=C<25% Eye Irrit. 2 :: 10%<=C<25% Skin Irrit. 3 :: C<=10%	01-2119489460-34	-	-

Boric acid; H <sub>3</sub> BO <sub>3</sub>	233-139-2	0.1 - 1%	Repr. 1B (H360FD)	Repr. 1B ::	01-2119486683-25	-	-
(10043-35-3)				C>=5.5%			
Copper-(NH4)2-EDTA	268-018-3	0.1 - 1%	Acute Tox. 4 (H302)	-	01-2119980793-23	-	-
(67989-88-2)			Skin Irrit. 2 (H315)				

### 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	Dermal LD50	Inhalation LC50 - 4 hour - dust/mist - mg/L
Potassium nitrate; KNO <sub>3</sub>	3015	No data available	No data available
Nitric acid ammonium calcium salt; CaH4N2O3	300	2000	No data available
Boric acid; H <sub>3</sub> BO <sub>3</sub>	2660	2000	0.16

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	Present

# SECTION 4: First aid measures

#### 4.1. Description of first aid measures

General advice	Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.	
Inhalation	Remove to fresh air. Get medical attention immediately if symptoms occur.	
Eye contact	Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.	
Skin contact	Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.	
Ingestion	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician.	
Self-protection of the first aider	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).	
4.2. Most important symptoms and	effects, both acute and delayed	
Symptoms	Burning sensation.	
4.3. Indication of any immediate medical attention and special treatment needed		
Note to physicians	Treat symptomatically.	

# SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the

5	
	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.
	the substance or mixture elease of irritating and toxic gases and vapors. elease of irritating and toxic gases and vapors The product itself does not burn May intensify
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 rel	ease measures
6.1. Personal precautions, protectiv	ve equipment and emergency procedures
Personal precautions	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation.
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	Prevent further leakage or spillage if safe to do so.
6.3. Methods and material for conta	inment 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	

# SECTION 7: Handling and storage

# 7.1. Precautions for safe handling

Reference to other sections

Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.
General hygiene considerations	Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

See section 8 for more information. See section 13 for more information.

# 7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Store locked up.
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.
Identified uses Risk Management Methods (RMM)	The information required is contained in this Safety Data Sheet.
Other Information	

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

### 8.1. Control parameters

#### Exposure Limits

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Potassium nitrate; KNO3	-	-	-	TWA: 5.0 mg/m <sup>3</sup>	-
Boric acid; H <sub>3</sub> BO <sub>3</sub>	-	-	TWA: 2 mg/m <sup>3</sup>	TWA: 5.0 mg/m <sup>3</sup>	-
			STEL: 6 mg/m <sup>3</sup>		
Copper-(NH4)2-EDTA	-	TWA: 1 mg/m <sup>3</sup>	-	-	-
		TWA: 0.1 mg/m <sup>3</sup>			
		STEL 4 mg/m <sup>3</sup>			
	-	STEL 0.4 mg/m <sup>3</sup>			
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Copper-(NH4)2-EDTA	-	-	-	-	TWA: 0.02 mg/m <sup>3</sup>
Chemical name	France	Germany	Germany MAK	Greece	Hungary
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>		
Copper-(NH4)2-EDTA	-	-	-	-	TWA: 0.1 mg/m <sup>3</sup>
					STEL: 0.2 mg/m <sup>3</sup>
Chemical name	Italy	Latvia	Lithuania	Luxembourg	Netherlands
Potassium nitrate; KNO3	-	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	-	-
Boric acid; H <sub>3</sub> BO <sub>3</sub>	-	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	-	-
Chemical name	Norway	Poland	Portugal	Romania	Slovakia
Boric acid; H <sub>3</sub> BO <sub>3</sub>	-	-	TWA: 2 mg/m <sup>3</sup>	-	-
			STEL: 6 mg/m <sup>3</sup>		
Chemical name	Slovenia	Spain	Sweden	Switzerland	United Kingdom
Boric acid; H <sub>3</sub> BO <sub>3</sub>	TWA: 0.5 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	-	TWA: 1.8 mg/m <sup>3</sup>	-
	STEL: 1 mg/m <sup>3</sup>	STEL: 6 mg/m <sup>3</sup>		STEL: 1.8 mg/m <sup>3</sup>	
Copper-(NH4)2-EDTA	-	TWA: 0.1 mg/m <sup>3</sup>	-	-	-

**Biological occupational exposure limits** 

Derived No Effect Level (DNEL)No information available.Predicted No Effect ConcentrationNo information available.(PNEC)

8.2. Exposure controls

# 2150-215HA --- Peters Excel CalMag Finisher 14-5-21+7CaO+2MgO+TE

Personal protective equipment	Wear normal, light working clothing
Eye/face protection	Tight sealing safety goggles.
Hand protection	Wear suitable gloves. Impervious gloves.
Skin and body protection	Wear suitable protective clothing. Long sleeved clothing.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
General hygiene considerations	Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.
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
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Physical state	Solid	
Appearance:	Prills, powder	
Color:	Off-white	
Odor:	Fertilizer.	
Property	Values	Remarks • Method
Melting Point/Freezing Point:	No data available	None known
Boiling Point/Range:	No data available	None known
Flammability (solid, gas):	No data available	None known
Flammability Limits in Air:		None known
Upper Flammability Limit:	No data available	
Lower Flammability Limit:	No data available	
Flash Point:	No data available	None known
Autoignition Temperature:	No data available	None known
Decomposition Temperature:		None known
pH	No data available	None known
pH (as aqueous solution)	No data available	None known
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
Vapor Pressure:	No data available	None known
Relative density	No data available	None known
Bulk density	No data available	
Density:	No data available	
Vapour density	No data available	None known
Particle characteristics		
Particle Size	No data available	
Particle Size Distribution	No data available	

# 9.2. Other information

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.	
10.2. Chemical stability		
Stability	Stable under normal conditions.	
<b>Specific methods:</b> Sensitivity to mechanical impact Sensitivity to static discharge	Not sensitive. Not sensitive.	
10.3. Possibility of hazardous react	ions	
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	Strong acids. Strong bases. Strong oxidizing agents.	
10.6. Hazardous decomposition products		
Hazardous Decomposition Products	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. May cause irritation of respiratory tract.
Eye contact	Causes serious eye damage.
Skin contact	Causes skin irritation.
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Harmful if swallowed. (based on components).
Symptoms related to the physical	chemical and toxicological characteristics

# Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Redness. Burning. May cause blindness. May cause redness and tearing of the eyes.

Numerical measures of toxicity

#### Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS documentATEmix (oral)1,863.60 mg/kg

## Unknown acute toxicity

#### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Potassium nitrate; KNO <sub>3</sub>	= 3015 mg/kg (Rat)	> 2000 mg/kg	> 527 mg/m³
Nitric acid ammonium calcium salt; CaH <sub>4</sub> N <sub>2</sub> O <sub>3</sub>	300 - 2000 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
Urea phosphate; CH7N2O5P	2600 mg/kg	-	-
Boric acid; H <sub>3</sub> BO <sub>3</sub>	= 2660 mg/kg (Rat)	> 2000 mg/kg	> 0.16 mg/L (Rat)4 h

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

Skin corrosion/irritation	Classification based on data available for ingredients. Irritating to skin.		
Serious eye damage/eye irritation	Classification based on data available for ingredients. Causes burns. Risk of serious damage to eyes.		
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	Deced on quailable data, the classification criteria are not mat		
Reproductive toxicity	Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met.		
Chemical			
	ric acid; H₃BO₃ Repr. 1B 10043-35-3		
STOT - single exposure STOT - repeated exposure Aspiration hazard Endocrine disrupting properties	The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as reproductive toxins. 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 This product does not contain any known or suspected endocrine disruptors.		

# **SECTION 12: Ecological information**

### 12.1. Toxicity

# Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
			microorganisms	
Nitric acid ammonium calcium salt; CaH <sub>4</sub> N <sub>2</sub> O <sub>3</sub>	-	447: 48 h Carassius auratus mg/L LC50	-	-
Boric acid; H <sub>3</sub> BO <sub>3</sub>	-	-	-	EC50: 115 - 153mg/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
Nitric acid ammonium calcium salt; CaH <sub>4</sub> N <sub>2</sub> O <sub>3</sub>	0
Boric acid; H <sub>3</sub> BO <sub>3</sub>	-0.757

### 12.4. Mobility in soil

Mobility in soil no data available.

Mobility no data available.

# 12.5. Results of PBT and vPvB assessment

### PBT and vPvB assessment

Chemical name	PBT and vPvB assessment
Potassium nitrate; KNO3	The substance is not PBT / vPvB PBT assessment does not apply
Nitric acid ammonium calcium salt; CaH <sub>4</sub> N <sub>2</sub> O <sub>3</sub>	The substance is not PBT / vPvB PBT assessment does not apply
Urea phosphate; CH7N2O5P	The substance is not PBT / vPvB PBT assessment does not apply
Boric acid; H <sub>3</sub> BO <sub>3</sub>	The substance is not PBT / vPvB PBT assessment does not apply
Copper-(NH4)2-EDTA	The substance is not PBT / vPvB

### 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** This product does not contain any known or suspected endocrine disruptors.

#### 12.7. Other adverse effects

# **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.
Contaminated packaging	Do not reuse empty containers.
Other Information	Use up product completely. Packaging material is industrial waste. If material is uncontaminated, collect and reuse as recommended for product.

# **SECTION 14: Transport information**

IMDG	
14.1	
UN-No:	1486
<u>14.2</u>	
Proper shipping name:	Potassiumnitrate Mixture
<u>14.3</u>	
Transport hazard class(es)	5.1
<u>14.4</u>	
Packing group:	
Limited Quantity	5 kg
<u>14.5</u>	
Marine Pollutant:	no data available
<u>14.6</u>	

EmS: Special Provisions 14.7 F-A / S-Q 964, 967

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

ADR	
<u>14.1</u>	
UN-No:	1486
<u>14.2</u>	
Proper shipping name:	Potassiumnitrate Mixture
<u>14.3</u>	<b>F</b> 4
Transport hazard class(es)	5.1
14.4 Backing group	111
Packing group: 14.5	111
Environmental hazards	Not regulated
14.6	
Special Provisions	None
Tunnel restriction code	E
Limited Quantity	5 kg
	-

14.1	
UN number or ID number	1486
<u>14.2</u>	
Proper shipping name:	Potassium nitrate Mixture
<u>14.3</u>	
Transport hazard class(es)	5.1
<u>14.4</u>	
Packing group	III
<u>14.5</u>	
Environmental hazards	Not regulated
<u>14.6</u>	
Special Provisions	None



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# 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

Gefahrstoffverordnung (Germany) TRGS 511 Water hazard class (WGK) Not regulated non-hazardous to water (nwg)

Chemical name	German WGK Section
Potassium nitrate; KNO3	1

Chemical name	German WGK Section
Nitric acid ammonium calcium salt; CaH <sub>4</sub> N <sub>2</sub> O <sub>3</sub>	3
Urea phosphate; CH7N2O₅P	Reg. no. 6537, hazard class 1 - slightly hazardous to
	water
Boric acid; H <sub>3</sub> BO <sub>3</sub>	1
Copper-(NH4)2-EDTA	Reg. no. 2351, hazard class 2 - obviously hazardous to
	water

#### Netherlands

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

#### 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
Boric acid; H ₃BO₃	30.	-

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

Chemical name		EGULATION (EU) 2019/1148 on the marketing and se of explosives precursors
Potassium nitrate; KNO3	Pro	esent
Nitric acid ammonium calcium salt; CaH4N2O3	Pre	esent

#### Persistent Organic Pollutants

Not applicable

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

#### Not applicable

#### EU - Biocides

Chemical name	EU - Biocides
	Product-type 8: Wood preservatives
Boric acid; H <sub>3</sub> BO <sub>3</sub>	

### International Inventories:

Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

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

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

STEL (Short Term Exposure Limit)

Skin designation

IECSC - China Inventory of Existing	Chemical Substances
KECL - Korean Existing and Evalua	ated Chemical Substances
PICCS - Philippines Inventory of Ch	hemicals and Chemical Substances
AICS - Australian Inventory of Cher	nical 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

**ENCS** - Japan Existing and New Chemical Substances

H302 - Harmful if swallowed

H314 - Causes severe skin burns and eye damage

H315 - Causes skin irritation

H318 - Causes serious eye damage

H360FD - May damage fertility. May damage the unborn child

Legend

SVHC: Substances of Very High Concern for Authorization:

#### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION TWA TWA (time-weighted average) STEL

TWA	TWA (time-weighted average)
Ceiling	Maximum limit value

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

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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 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 Regulatory Affairs Department (INFO-MSDS@EVERRIS.COM) Prepared by 28-Jun-2021 **Revision Date** 

**Restrictions on use** Restricted to professional users

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End of Safety Data Sheet