

# 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 19-Sep-2024

Version: 2

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

### 1.1. Product identifier

Product Name	Peters Excel CalMag Finisher 14-5-21+7CaO+2MgO+TE
Product Code	2150-215HA
Unique Formula Identifier (UFI)	7KX5-S0DH-600Q-VGGP
Safety data sheet number	2150-215HA

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]

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



Contains Nitric acid ammonium calcium salt;  $\text{CaH}_4\text{N}_2\text{O}_3$ , Urea phosphate;  $\text{CH}_7\text{N}_2\text{O}_5\text{P}$

**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 (§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

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 (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)
Potassium nitrate; $\text{KNO}_3$ (7757-79-1)	231-818-8	40 - 50%	Ox. Sol. 3 (H272)	-	01-2119488224-35-0020	-	-
Nitric acid ammonium calcium salt; $\text{CaH}_4\text{N}_2\text{O}_3$ (15245-12-2)	239-289-5	25 - 40%	Eye Dam. 1 (H318) Acute Tox. 4 (H302)	-	01-2119493947-16	-	-
Urea phosphate; $\text{CH}_7\text{N}_2\text{O}_5\text{P}$ (4861-19-2)	225-464-3	10 - 25%	Skin Corr. 1B (H314)	-	01-2119489460-34	-	-
Boric acid; $\text{H}_3\text{BO}_3$ (10043-35-3)	233-139-2 (005-007-00-2)	0.1 - 0.3%	Repr. 1B (H360FD)	-	01-2119486683-25	-	-

\*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
Potassium nitrate; KNO <sub>3</sub>	3015	5000	0.527
Nitric acid ammonium calcium salt; CaH <sub>4</sub> N <sub>2</sub> O <sub>3</sub>	300	2000	No data available
Boric acid; H <sub>3</sub> BO <sub>3</sub>	2660	2000	2.12

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

Note to physicians	Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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**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**

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 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**

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.

**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.

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

### Other Information

PGS-7 (The Netherlands) 1.3/C

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure Limits

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Potassium nitrate; KNO <sub>3</sub>	-	-	-	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> STEL: 6 mg/m <sup>3</sup>	TWA: 5.0 mg/m <sup>3</sup>	-
Chemical name	France	Germany TRGS	Germany DFG	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>	-	-
Chemical name	Italy MDLPS	Latvia	Lithuania	Luxembourg	Netherlands
Potassium nitrate; KNO <sub>3</sub>	-	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> 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>	-

#### Biological occupational exposure limits

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

### 8.2. Exposure controls

**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.

<b>General hygiene considerations</b>	Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.
<b>Environmental exposure controls</b>	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

<b>Physical state</b>	Solid	
<b>Appearance:</b>	Prills, powder	
<b>Color:</b>	Off-white	
<b>Odor:</b>	Fertilizer.	
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>
<b>Melting Point/Freezing Point:</b>	No data available	None known
<b>Boiling Point/Range:</b>	No data available	None known
<b>Flammability (solid, gas):</b>	No data available	None known
<b>Flammability Limits in Air:</b>		None known
<b>Upper Flammability Limit:</b>	Not applicable	
<b>Lower Flammability Limit:</b>	Not applicable	
<b>Flash Point:</b>	No data available	None known
<b>Autoignition Temperature:</b>	No data available	None known
<b>Decomposition Temperature:</b>		None known
<b>pH</b>	No data available	None known
<b>pH (as aqueous solution)</b>	No data available	None known
<b>Kinematic Viscosity:</b>	No data available	None known
<b>Dynamic Viscosity:</b>	No data available	None known
<b>Water solubility</b>	No data available	None known
<b>Solubility(ies)</b>	No data available	None known
<b>Partition Coefficient:</b>	No data available	None known
<b>Vapor Pressure:</b>	No data available	None known
<b>Relative density</b>	No data available	None known
<b>Bulk density</b>	No data available	
<b>Density:</b>	No data available	
<b>Vapour density</b>	No data available	None known
<b>Particle characteristics</b>		
<b>Particle Size</b>	No data available	
<b>Particle Size Distribution</b>	No data available	

### 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.

### 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** Strong acids. Strong bases. Strong oxidizing agents.

**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. 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** 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 document

ATEmix (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 )	> 5000 mg/kg ( Rat )	> 0.527 mg/L ( Rat ) 4 h
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; CH <sub>7</sub> N <sub>2</sub> O <sub>5</sub> P	= 2600 mg/kg (Rat)	-	-
Boric acid; H <sub>3</sub> BO <sub>3</sub>	= 2660 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 2.12 mg/L ( Rat ) 4 h

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

<b>Skin corrosion/irritation</b>	Classification based on data available for ingredients. Irritating to skin.
<b>Serious eye damage/eye irritation</b>	Classification based on data available for ingredients. Causes burns. Risk of serious damage to eyes.
<b>Respiratory or skin sensitization</b>	Based on available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
Chemical name	European Union
Boric acid; H <sub>3</sub> BO <sub>3</sub> 10043-35-3	Repr. 1B
The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as reproductive toxins.	
<b>STOT - single exposure</b>	Based on available data, the classification criteria are not met.
<b>STOT - repeated exposure</b>	Based on available data, the classification criteria are not met
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met
<b>Endocrine disrupting properties</b>	Not applicable.

**SECTION 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity**

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
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
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Boric acid; H <sub>3</sub> BO <sub>3</sub>	-1.09
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#### 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; KNO <sub>3</sub>	The substance is not PBT / vPvB
Nitric acid ammonium calcium salt; CaH <sub>4</sub> N <sub>2</sub> O <sub>3</sub>	The substance is not PBT / vPvB
Urea phosphate; CH <sub>7</sub> N <sub>2</sub> O <sub>5</sub> P	The substance is not PBT / vPvB
Boric acid; H <sub>3</sub> BO <sub>3</sub>	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.

**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**

<u>14.1</u>	
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:	III
Limited Quantity	5 kg
<u>14.5</u>	
Marine Pollutant:	no data available
<u>14.6</u>	
EmS:	F-A / S-Q
Special Provisions	964, 967
<u>14.7</u>	
Bulk transport according Annex II of MARPOL and IBC Code	No data available

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

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



## 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; KNO <sub>3</sub>	Reg. no. 346, hazard class 1 - slightly hazardous to water
Nitric acid ammonium calcium salt; CaH <sub>4</sub> N <sub>2</sub> O <sub>3</sub>	3

Chemical name	German WGK Section
Urea phosphate; CH <sub>7</sub> N <sub>2</sub> O <sub>5</sub> P	Reg. no. 6537, hazard class 1 - slightly hazardous to water
Boric acid; H <sub>3</sub> BO <sub>3</sub>	Reg. no. 315, 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

#### 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 <sub>3</sub> BO <sub>3</sub>	Use restricted. See entry 30. Use restricted. See entry 75.	-

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

Chemical name	REGULATION (EU) 2019/1148 on the marketing and use of explosives precursors
Potassium nitrate; KNO <sub>3</sub>	Present
Nitric acid ammonium calcium salt; CaH <sub>4</sub> N <sub>2</sub> O <sub>3</sub>	Present

Not regulated

#### Persistent Organic Pollutants

Not applicable

#### 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)

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

#### International Inventories:

TSCA

This product complies with USINV

PICCS:

This product does not comply with phil:

Australian Inventory of Chemical Substances

This product does not comply with AICS

#### Legend:

**DSL/NDL** - 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

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:  
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 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  
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** 19-Sep-2024

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

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

**Disclaimer**

This information contained herein is, to the best of Everris' knowledge and belief, accurate and reliable as of the date of preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and Everris shall not be liable for any loss or damage arising out of the use thereof. No authorization is given or implied to use any patented invention without a license. In addition, Everris shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.

**End of Safety Data Sheet**