

Supercedes date 27-Jul-2023

Revision Date 30-Oct-2024

Revision Number 3

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

1.1. Product identifier

Product Name Gyproc Gyp Filler

Synonyms None

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

Recommended use Joint filler

Uses advised against No specific uses advised against are identified

1.3. Details of the supplier of the safety data sheet

Supplier

Saint-Gobain Construction Products (Ireland) Limited
Unit 4 Kilcarbery Business Park
Nangor Road
Dublin 22
D22 R2Y7
Ireland
Tel: +353 (0)1 629 8444

For further information, please contact

E-mail address enquiries@gyproc.ie

1.4. Emergency telephone number

Emergency telephone ROI: 1800 744480
NI: 0845 3990159
(Monday - Friday, 9am - 5pm)

Emergency telephone - Contact number

Europe	112
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

2.2. Label elements

Hazard statements

Not classified.

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

P102 - Keep out of reach of children.

2.3. Other hazards

Other hazards

Product dust may be irritating to eyes, skin and respiratory system. This material will harden and become hot when mixed with water.

PBT & vPvB

None known

Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	Weight-%	REACH registration number	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)	Notes
Calcium sulfate hemihydrate 10034-76-1	90 - 100	-	-	[C]	-	-	-	-
Perlite 130885-09-5	<10	-	-	[C]	-	-	-	-
Quartz (SiO ₂) 14808-60-7	<1	-	238-878-4	[C]	-	-	-	-
Limestone 1317-65-3	<1	-	215-279-6	[C]	-	-	-	-

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

[C] - Components with occupational exposure limits and/or biological occupational exposure limits requiring monitoring

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	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Calcium sulfate hemihydrate 10034-76-1	> 2000 mg/kg	-	> 3.26 mg/L	-	-

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	Get medical attention if irritation or other symptoms occur. Show this safety data sheet to the doctor in attendance.
Inhalation	Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms occur.
Eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation develops and persists.
Skin contact	Brush off loose particles from skin. Wash skin with soap and water. Get medical attention if irritation develops and persists.
Ingestion	Clean mouth with water and afterwards drink plenty of water. Get medical attention if symptoms occur. Do not induce vomiting without medical advice. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Never give anything by mouth to an unconscious person.

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

Symptoms	Product dust may be irritating to eyes, skin and respiratory system. May cause redness and tearing of the eyes. May cause discomfort if swallowed.
Effects of Exposure	No information available.

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

Note to doctors	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media	Dry chemical, CO2, alcohol-resistant foam or water spray. Use extinguishing agent suitable for type of surrounding fire.
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Unsuitable extinguishing media	Full water jet.
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5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical	None known.
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Hazardous combustion products	Carbon monoxide. Carbon dioxide (CO2). Sulphur oxides.
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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. Use personal protection equipment.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Keep people away from and upwind of spill/leak. Do not handle until all safety precautions have been read and understood. Ensure adequate ventilation. Wear personal protective clothing (see section 8). Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash thoroughly after handling. Do not touch or walk through spilled material.
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For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions Avoid release to the environment. Local authorities should be advised if significant spillages cannot be contained.

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 Use personal protection recommended in Section 8. Clear up spills immediately and dispose of waste safely. Reuse or recycle wherever possible. Stay upwind. Avoid generation of dust. Vacuum or sweep material and place in a disposal container. After cleaning, flush away traces with water. Wash thoroughly after handling.

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. Read carefully and follow all instructions. Keep out of reach of children. Wear personal protective equipment. See section 8 for more information. Keep away from food, drink and animal feedingstuffs. Keep container closed when not in use. Avoid contact with skin and eyes. Minimise dust generation and accumulation. Avoid breathing dust.

General hygiene considerations Wash hands before breaks and immediately after handling the product. Do not eat, drink or smoke when using this product. Take off all contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Store in a dry place. Store in a closed container. Store in accordance with local regulations. Store away from incompatible materials.

7.3. Specific end use(s)

Specific use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Calcium sulfate hemihydrate 10034-76-1	-	-	TWA: 10 mg/m ³	-	-
Perlite 130885-09-5	-	TWA: 5 mg/m ³ STEL 10 mg/m ³	TWA: 10 mg/m ³	-	-
Quartz (SiO ₂) 14808-60-7	TWA: 0.1 mg/m ³	TWA: 0.05 mg/m ³	TWA: 0.1 mg/m ³ TWA: 0.05 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.1 mg/m ³
Limestone	-	-	TWA: 10 mg/m ³	TWA: 1.0 fiber/cm ³	-

1317-65-3				TWA: 10 mg/m ³	
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Quartz (SiO ₂) 14808-60-7	TWA: 0.1 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.3 mg/m ³ TWA: 0.1 mg/m ³ STEL: 0.6 mg/m ³ STEL: 0.2 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.05 mg/m ³
Limestone 1317-65-3	-	TWA: 10.0 mg/m ³	-	TWA: 10 mg/m ³ TWA: 5 mg/m ³	-
Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
Calcium sulfate hemihydrate 10034-76-1	-	-	TWA: 4 mg/m ³	-	-
Perlite 130885-09-5	-	TWA: 1.25 mg/m ³ TWA: 10 mg/m ³	-	-	-
Quartz (SiO ₂) 14808-60-7	TWA: 0.1 mg/m ³	-	-	TWA: 0.1 mg/m ³	TWA: 0.1 mg/m ³
Limestone 1317-65-3	-	-	-	TWA: 10 mg/m ³ TWA: 5 mg/m ³	TWA: 10 mg/m ³
Chemical name	Ireland	Italy MDLPS	Italy AIDII	Latvia	Lithuania
Calcium sulfate hemihydrate 10034-76-1	TWA: 10 mg/m ³ STEL: 30 mg/m ³	-	-	-	-
Perlite 130885-09-5	-	-	-	TWA: 4 mg/m ³	-
Quartz (SiO ₂) 14808-60-7	TWA: 0.1 mg/m ³ STEL: 0.3 mg/m ³ (Silica, crystalline, respirable dust) TWA: 6 mg/m ³ TWA: 2.4 mg/m ³ (Silica, amorphous)	TWA: 0.1 mg/m ³	TWA: 0.025 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.1 ppm
Limestone 1317-65-3	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³	-	-	-	-
Chemical name	Luxembourg	Malta	Netherlands	Norway	Poland
Perlite 130885-09-5	-	-	-	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 20 mg/m ³ STEL: 8 mg/m ³	-
Quartz (SiO ₂) 14808-60-7	-	-	TWA: 0.075 mg/m ³	TWA: 0.05 mg/m ³ TWA: 0.1 mg/m ³ TWA: 0.3 mg/m ³ STEL: 0.9 mg/m ³ STEL: 0.15 mg/m ³ STEL: 0.3 mg/m ³	TWA: 0.1 mg/m ³
Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
Calcium sulfate hemihydrate 10034-76-1	TWA: 10 mg/m ³	-	-	-	TWA: 10 mg/m ³
Perlite 130885-09-5	-	-	-	TWA: 1.25 mg/m ³ TWA: 10 mg/m ³	-
Quartz (SiO ₂) 14808-60-7	TWA: 0.025 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.1 mg/m ³ STEL: 0.5 mg/m ³	TWA: 0.05 mg/m ³	TWA: 0.05 mg/m ³
Limestone 1317-65-3	-	TWA: 10 mg/m ³	-	-	-
Chemical name	Sweden	Switzerland	United Kingdom		
Calcium sulfate hemihydrate	-	TWA: 3 mg/m ³	TWA: 10 mg/m ³		

10034-76-1			TWA: 4.0 mg/m ³
Perlite 130885-09-5	-	TWA: 3 mg/m ³ TWA: 10 mg/m ³	TWA: 10 mg/m ³ TWA: 4 mg/m ³
Quartz (SiO ₂) 14808-60-7	NGV: 0.1 mg/m ³	TWA: 0.15 mg/m ³	TWA: 0.1 mg/m ³ (Silica, respirable crystalline) TWA: 6 mg/m ³ TWA: 2.4 mg/m ³ (Silica, amorphous)
Limestone 1317-65-3	-	-	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³

Biological occupational exposure limits

Derived No Effect Level (DNEL) - Workers No information available

Derived No Effect Level (DNEL) - General Public No information available.

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering controls

As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist. Provide extract ventilation at the points where emissions occur. Ensure the ventilation system is regularly maintained and tested.

Personal protective equipment

Eye/face protection

If there is a risk of contact:.. Tight sealing safety goggles. Eye protection must conform to standard EN 166.

Hand protection

Wear suitable gloves. Gloves must conform to standard EN 374. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

Skin and body protection

Wear suitable protective 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. In case of insufficient ventilation, wear suitable respiratory equipment. Disposable filtering half mask respirators should comply with European Standard EN149 or EN405.

Environmental exposure controls

Avoid creating dust. Prevent product from entering drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Powder
Physical state	Solid
Colour	Off-white

Odour	Odorless or slight odor	
Odour threshold	No information available	
Property	Values	Remarks • Method
Melting point / freezing point		No data available
Initial boiling point and boiling range		No data available
Flammability		No data available
Flammability Limit in Air		
Upper flammability or explosive limits		No data available
Lower flammability or explosive limits		No data available
Flash point		No data available
Autoignition temperature		No data available
Decomposition temperature	>= 140 °C	No data available
pH		No data available
pH (as aqueous solution)	6 - 8	solution (10 %)
Kinematic viscosity		No data available
Dynamic viscosity		No data available
Water solubility	Slightly soluble (2 g/L)	No data available
Solubility(ies)		No data available
Partition coefficient		No data available
Vapour pressure		No data available
Relative density	2.5 - 3.0	No data available
Bulk density		No data available
Liquid Density		No data available
Relative vapour density		No data available
Particle characteristics		
Particle Size		No data available
Particle Size Distribution		No data available

9.2. Other information

9.2.1. Information with regards to physical hazard classes
Not applicable

9.2.2. Other safety characteristics
No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity None under normal use conditions.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None.
 Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Dust formation.

10.5. Incompatible materials

Incompatible materials None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition products None under normal use conditions. Thermal decomposition can lead to release of irritating and toxic gases and vapours. PIB monomers/oligomers. Carbon oxides.

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	Specific test data for the substance or mixture is not available. May cause temporary eye irritation.
Skin contact	Specific test data for the substance or mixture is not available. Contact with dust can cause mechanical irritation or drying of the skin.
Ingestion	Specific test data for the substance or mixture is not available. May cause gastrointestinal discomfort if consumed in large amounts.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Product dust may be irritating to eyes, skin and respiratory system. May cause discomfort if swallowed.

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

Numerical measures of toxicity No information available

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Calcium sulfate hemihydrate	> 2000 mg/kg (Rat)	-	> 3.26 mg/l

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Component Information	
Calcium sulfate hemihydrate (10034-76-1)	
Method	OECD Test No. 404: Acute Dermal Irritation/Corrosion
Exposure route	Dermal
Effective dose	0.5 g
Exposure time	4 hours
Results	non-irritant

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

Component Information	

Calcium sulfate hemihydrate (10034-76-1)	
Method	OECD Test No. 405: Acute Eye Irritation/Corrosion
Exposure route	Eye
Effective dose	0.1 g
Results	non-irritant

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

Component Information	
Calcium sulfate hemihydrate (10034-76-1)	
Method	OECD Test No. 406: Skin Sensitisation
Exposure route	Dermal
Results	Not a skin sensitiser

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

Component Information	
Calcium sulfate hemihydrate (10034-76-1)	
Method	OECD Test No. 471: Bacterial Reverse Mutation Test
Species	in vitro
Results	Not mutagenic
Method	OECD Test No. 474: Mammalian Erythrocyte Micronucleus Test
Species	in vivo
Results	Not mutagenic

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

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

STOT - single exposure Based on available data, the classification criteria are not met.

STOT - repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Not applicable.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

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

11.2.2. Other information

Other adverse effects None known based on information supplied.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Based on available data, the classification criteria are not met. Not considered to be harmful to aquatic life.

Component Information	
Calcium sulfate hemihydrate (10034-76-1)	

Results	Not toxic at limit of water solubility
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12.2. Persistence and degradability

Persistence and degradability No information available.

Component Information			
Calcium sulfate hemihydrate (10034-76-1)			
Method	Exposure time	Value	Results
-	-	-	Substance is inorganic. Not relevant

12.3. Bioaccumulative potential

Bioaccumulation Not likely to bioaccumulate.

12.4. Mobility in soil

Mobility in soil Slightly soluble.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment Based on available data, the classification criteria are not met.

Chemical name	PBT and vPvB assessment
Calcium sulfate hemihydrate 10034-76-1	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

Other adverse effects None known based on information supplied.

PMT or vPvM properties Based on available data, the classification criteria are not met.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products Recover or recycle if possible. This material and its container must be disposed of in a safe way. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

Waste codes / waste designations according to EWC / AVV According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

IATA

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not applicable
14.6 Special Precautions for Users	

Special Provisions	None
Note:	None

IMDG

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not applicable
14.6 Special Precautions for Users	

Special Provisions	None
14.7 Maritime transport in bulk according to IMO instruments	No information available

RID

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not applicable
14.6 Special Precautions for Users	

Special Provisions	None
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ADR

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not applicable
14.6 Special Precautions for Users	

Special Provisions	None
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ADN

14.1 UN/ID no	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not applicable
14.5 Environmental hazard	Not applicable
14.6 Special Precautions for Users	

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

France

Occupational Illnesses (R-463-3, France)

Chemical name	French RG number
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Quartz (SiO ₂) 14808-60-7	RG 25
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Chemical name	Number	Class
Quartz (SiO ₂)	5.2.7.1.1	-

Chemical name	Netherlands - List of Carcinogens	Netherlands - List of Mutagens	Netherlands - List of Reproductive Toxins
Quartz (SiO ₂)	Present	-	-

Ordinance on the Incentive Tax on Volatile Organic Compounds (OVOC) SR 814.018 Not applicable
WPO (GSchV) SR 814.201; WPA (GSchG) SR 814.20 Not applicable

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.

Authorisations and/or restrictions on use:

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

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

Not applicable

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

Chemical name	EU - Plant Protection Products (1107/2009/EC)
Quartz (SiO ₂) - 14808-60-7	Plant protection agent

International Inventories

Contact supplier for inventory compliance status

15.2. Chemical safety assessment

Chemical Safety Report Not applicable

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

H315 - Causes skin irritation

H318 - Causes serious eye damage

H335 - May cause respiratory irritation

Legend

SVHC: Substances of Very High Concern for Authorisation:
 PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances
 vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances
 STOT: Specific Target Organ Toxicity
 ATE: Acute Toxicity Estimate
 LC50: 50% Lethal Concentration
 LD50: 50% Lethal Dose

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
SCBA	Self-contained breathing apparatus		

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 - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	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)
 European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)
 European Chemicals Agency (ECHA) (ECHA_API)
 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
 Australian 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)
 U.S. National Toxicology Program (NTP)
 New Zealand's Chemical Classification and Information Database (CCID)
 Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications
 Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme

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

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This safety data sheet complies with the requirements of Commission Regulation (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No. 1907/2006

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet