SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Safety data sheet according to Regulation (EC) 2020/878

Revision date 06/02/2024 **Revision Number** 1.74

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

1.1. Product identifier

Product Name Contact Treatment Grease 2GX

Product Code(s) SGB-b, ESGB20S, ESGB35SL, ESGB01K, ESGB12.5K, ESGB25K, ZE

Safety data sheet number 01052

Pure substance/mixture Mixture

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

Recommended use Lubricant

Uses advised against No specific uses advised against are identified

1.3. Details of the supplier of the safety data sheet

Manufacturer

ELECTROLUBE
MacDermid Alpha Electronics Solutions
ASHBY PARK, COALFIELD WAY,
ASHBY DE LA ZOUCH,
LEICESTERSHIRE LE65 1JR
UNITED KINGDOM

+44 (0)1530 419600
+44 (0)1530 416640
info@electrolube.com

Supplier

HK WENTWORTH LIMITED
32 RUE DE TOURNENFILS
91540 MENNECY
FRANCE

+33 (0) 1 82 88 47 94

info@electrolube.com

For further information, please contact

E-mail address info@electrolube.com

1.4. Emergency telephone number

Emergency Telephone POISON INFORMATION CENTRE (Beaumont Hospital, Republic of Ireland only) +353 (0)1 809 2166 (08:00 - 22:00)

Emergency Telephone - IN CASE OF EMERGENCY CALL: +44 1865 407333 (24hr, Provided by Carechem 24)

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

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

Hazard statements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]
EUH210 - Safety data sheet available on request

2.3. Other hazards

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

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)
Poly[oxy(methyl-1,2-ethanediyl)],α-butyl-ω-hydroxy- 9003-13-8	60-100	No data available	500-003-1	Not classified	-	-	-
Propylene carbonate 108-32-7	1-5	01-2119537232-48-0007	203-572-1	Eye Irrit. 2 (H319)	-	-	-
Quartz (SiO2) 14808-60-7	0.1-1	No data available	238-878-4	[C]	-	-	-
Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate 2082-79-3	0.1-1	No data available	218-216-0	[C]	-	-	-
Benzotriazole 95-14-7	0.1-1	01-2119979079-20-0000	202-394-1	Aquatic Chronic 2 (H411) Eye Irrit. 2 (H319) Acute Tox. 4 (H302)	-	-	-
Diphenylamine 122-39-4	<0.1	No data available	204-539-4	Aquatic Chronic 1 (H410) STOT RE 2 (H373) Aquatic Acute 1 (H400) Acute Tox. 3 (H311) Acute Tox. 3 (H301) Acute Tox. 3 (H331)	-	-	-

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

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
Poly[oxy(methyl-1,2-ethanediyl)],α-butyl-ω-hydroxy- 9003-13-8	5840	13340	No data available	No data available	No data available
Propylene carbonate 108-32-7	29000	3000	No data available	No data available	No data available
Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate 2082-79-3	5000	2000	No data available	No data available	No data available
Benzotriazole 95-14-7	560	10000	1.4325	No data available	No data available
Diphenylamine 122-39-4	1120	2000	No data available	No data available	No data available

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

Inhalation Remove to fresh air.

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

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

Ingestion Rinse mouth.

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

Symptoms No information available.

Effects of Exposure None.

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

Note to doctors Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

Specific hazards arising from the chemical No information available.

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

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.

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.

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

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place.

7.3. Specific end use(s)

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Quartz (SiO2) 14808-60-7	TWA: 0.1 mg/m³	TWA: 0.05 mg/m³	TWA: 0.1 mg/m³	TWA: 0.1 mg/m³	TWA: 0.1 mg/m³
Diphenylamine 122-39-4	-	TWA: 0.7 ppm TWA: 5 mg/m³ STEL 1.4 ppm STEL 10 mg/m³ H*	TWA: 10 mg/m³	TWA: 10 mg/m³	TWA: 10 mg/m³ STEL: 20 mg/m³
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Quartz (SiO2) 14808-60-7	TWA: 0.1 mg/m³	TWA: 0.1 mg/m³	TWA: 0.3 mg/m³ TWA: 0.1 mg/m³ STEL: 0.6 mg/m³ STEL: 0.2 mg/m³	TWA: 0.1 mg/m³	TWA: 0.05 mg/m³
Diphenylamine 122-39-4	-	TWA: 10 mg/m³ Ceiling: 20 mg/m³ D*	TWA: 5 mg/m³ STEL: 10 mg/m³	TWA: 10 mg/m³	TWA: 5 mg/m³ STEL: 10 mg/m³
Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
Propylene carbonate 108-32-7	-	TWA: 2 ppm TWA: 8.5 mg/m³	TWA: 2 ppm TWA: 8.5 mg/m³ Peak: 2 ppm Peak: 8.5 mg/m³	-	-
Quartz (SiO2) 14808-60-7	TWA: 0.1 mg/m³	-	-	TWA: 0.1 mg/m³	TWA: 0.1 mg/m³
Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate 2082-79-3	-	TWA: 20 mg/m³	TWA: 20 mg/m³ Peak: 40 mg/m³	-	-
Benzotriazole 95-14-7	-	-	*	-	-
Diphenylamine 122-39-4	TWA: 10 mg/m³	TWA: 5 mg/m³ H*	TWA: 5 mg/m³ Peak: 10 mg/m³ *	TWA: 10 mg/m³ STEL: 20 mg/m³	-
Chemical name	Ireland	Italy MDLPS	Italy AIDII	Latvia	Lithuania
Propylene carbonate 108-32-7	-	-	-	TWA: 2 mg/m³	TWA: 7 mg/m³
Quartz (SiO2) 14808-60-7	TWA: 0.1 mg/m³ STEL: 0.3 mg/m³	TWA: 0.1 mg/m³	TWA: 0.025 mg/m³	TWA: 0.1 mg/m³	TWA: 0.1 ppm
Benzotriazole 95-14-7	-	-	-	TWA: 5 mg/m³	-
Diphenylamine 122-39-4	TWA: 10 mg/m³ STEL: 20 mg/m³	-	TWA: 10 mg/m³	-	STEL: 12 mg/m³ TWA: 4 mg/m³
Chemical name	Luxembourg	Malta	Netherlands	Norway	Poland

Quartz (SiO2) 14808-60-7	-	-	TWA: 0.075 mg/m³	TWA: 0.05 mg/m³ TWA: 0.1 mg/m³ TWA: 0.3 mg/m³ STEL: 0.9 mg/m³ STEL: 0.15 mg/m³ STEL: 0.3 mg/m³	TWA: 0.1 mg/m³
Diphenylamine 122-39-4	-	-	-	TWA: 5 mg/m³ STEL: 10 mg/m³	TWA: 8 mg/m³

Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
Quartz (SiO2) 14808-60-7	TWA: 0.025 mg/m³	TWA: 0.1 mg/m³	TWA: 0.1 mg/m³ STEL: 0.5 mg/m³	TWA: 0.05 mg/m³	TWA: 0.05 mg/m³
Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate 2082-79-3	-	-	-	TWA: 20 mg/m³ STEL: 40 mg/m³	-
Diphenylamine 122-39-4	TWA: 10 mg/m³	TWA: 4 mg/m³ STEL: 6 mg/m³	-	TWA: 5 mg/m³ STEL: 10 mg/m³ K*	TWA: 10 mg/m³

Chemical name	Sweden	Switzerland	United Kingdom
Propylene carbonate 108-32-7	-	TWA: 6 ppm TWA: 25.5 mg/m³ STEL: 6 ppm STEL: 25.5 mg/m³	-
Quartz (SiO2) 14808-60-7	NGV: 0.1 mg/m³	TWA: 0.15 mg/m³	TWA: 0.1 mg/m³ STEL: 0.3 mg/m³
Diphenylamine 122-39-4	Vägledande KGV: 12 mg/m³ NGV: 4 mg/m³	TWA: 10 mg/m³ H*	TWA: 10 mg/m³ STEL: 20 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	European Union	Austria	Bulgaria	Croatia	Czech Republic
Quartz (SiO2) 14808-60-7	-	(-)	-	-	-
Diphenylamine 122-39-4	-	10 g/dL Hemoglobin (blood - not provided) 12 g/dL Hemoglobin (blood - not provided) 79 - 97 fL mean corpuscular volume (blood - not provided) 3.2 million/µL Erythrocytes (blood - not provided) 3.8 million/µL Erythrocytes (blood - not provided) 4000 Leukocytes/µL (blood - not provided) 13000 Leukocytes/µL (blood - not provided) 130000	-	-	-

		Thrombocytes/µL (blood - not provided) 150000 Thrombocytes/µL (blood - not provided) <=50 U/l (- Serum transaminases SGOT not provided) <=35 U/l (- Serum transaminases SGOT not provided) <=50 U/l (- Serum transaminases SGPT not provided) <=35 U/l (- Serum transaminases SGPT not provided) <=66 U/l (- Serum transaminases GGT not provided) <=39 U/l (- Serum transaminases GGT not provided) (urine - one time yearly urine cytological examination)			

Derived No Effect Level (DNEL) - Workers

Chemical name	Oral	Dermal	Inhalation
Poly[oxy(methyl-1,2-ethanediyl)],α-butyl-ω-hydroxy- 9003-13-8	-	0.83 mg/kg bw/day [4] [6]	2.9 mg/m³ [4] [6]
Propylene carbonate 108-32-7	-	20 mg/kg bw/day [4] [6] 10 mg/cm2 [5] [6]	70.53 mg/m³ [4] [6] 20 mg/m³ [5] [6]

Notes

[4] Systemic health effects.
[5] Local health effects.
[6] Long term.

Derived No Effect Level (DNEL) - General Public .

Chemical name	Oral	Dermal	Inhalation
Poly[oxy(methyl-1,2-ethanediyl)],α-butyl-ω-hydroxy- 9003-13-8	0.42 mg/kg bw/day [4] [6] 2.5 mg/kg bw/day [4] [7]	-	-
Propylene carbonate 108-32-7	10 mg/kg bw/day [4] [6]	-	17.4 mg/m³ [4] [6] 10 mg/m³ [5] [6]

Notes

[4] Systemic health effects.

[5] Local health effects.
[6] Long term.
[7] Short term.

Predicted No Effect Concentration (PNEC) .

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
Poly[oxy(methyl-1,2-ethanediyl)],α-butyl-ω-hydroxy-9003-13-8	0.333 mg/L	3.33 mg/L	0.0333 mg/L	-	-
Propylene carbonate 108-32-7	0.9 mg/L	9 mg/L	0.09 mg/L	0.9 mg/L	-

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
Poly[oxy(methyl-1,2-ethanediyl)],α-butyl-ω-hydroxy-9003-13-8	5.02 mg/kg sediment dw	0.502 mg/kg sediment dw	100 mg/L	0.809 mg/kg soil dw	-
Propylene carbonate 108-32-7	-	-	7400 mg/L	0.81 mg/kg soil dw	-

8.2. Exposure controls

Engineering controls Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection No special protective equipment required.

Skin and body protection No special protective equipment required.

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 Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid
Appearance Grease
Colour beige
Odour Oil.
Odour threshold No information available

Property	Values	Remarks • Method
Melting point / freezing point	No data available	None known
Initial boiling point and boiling range	No data available	None known
Flammability	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	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
Vapour pressure	0.001 mm Hg @ 20°C/68°F	
Relative density	No data available	None known
Bulk density	1.11 kg/l	
Liquid Density	No data available	
Relative vapour density	No data available	None known
Particle characteristics		
Particle Size	No information available	
Particle Size Distribution	No information available	

9.2. Other information

9.2.1. Information with regards to physical hazard classes

Explosive properties	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidizing.

9.2.2. Other safety characteristics
No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No information available.

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 None known based on information supplied.

10.5. Incompatible materials

Incompatible materials None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition products None known based on information supplied.

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.

Eye contact Specific test data for the substance or mixture is not available.

Skin contact Specific test data for the substance or mixture is not available.

Ingestion Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Acute toxicity

Numerical measures of toxicity
Based on available data, the classification criteria are not met

The following values are calculated based on chapter 3.1 of the GHS document
ATEmix (oral) 6,146.90 mg/kg
ATEmix (dermal) 12,119.20 mg/kg

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Poly[oxy(methyl-1,2-ethanediyl)],α-butyl-ω-hydroxy-	= 5840 mg/kg (Rat)	= 13340 mg/kg (Rabbit)	-
Propylene carbonate	= 29000 mg/kg (Rat)	> 3000 mg/kg (Rabbit)	-
Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 1811 mg/m³ (Rat) 4 h
Benzotriazole	= 560 mg/kg (Rat)	> 10000 mg/kg (Rabbit)	= 1910 mg/m³ (Rat) 3 h
Diphenylamine	= 1120 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-

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.

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

Respiratory or skin sensitisation 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.

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

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Propylene carbonate	EC50: >500mg/L (72h, Desmodesmus subspicatus)	LC50: >1000mg/L (96h, Cyprinus carpio)	-	EC50: >500mg/L (48h, Daphnia magna)
Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	EC50: >30mg/L (72h, Desmodesmus subspicatus)	LC50: >100mg/L (96h, Lepomis macrochirus)	-	-
Benzotriazole	EC50: =15.4mg/L (96h, freshwater algae)	LC50: =39mg/L (96h, Oncorhynchus mykiss)	-	EC50: =141.6mg/L (48h, water flea)
Diphenylamine	EC50: =1.5mg/L (72h,	LC50: 3.47 - 4.14mg/L	-	EC50: 1.69 - 2.46mg/L

	Scenedesmus subspicatus)	(96h, Pimephales promelas)		(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.

Chemical name	Partition coefficient
Poly[oxy(methyl-1,2-ethanediyl)],α-butyl-ω-hydroxy-	4.37
Propylene carbonate	0.48
Diphenylamine	3.4

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB above the threshold of declaration.

Chemical name	PBT and vPvB assessment
Poly[oxy(methyl-1,2-ethanediyl)],α-butyl-ω-hydroxy-	The substance is not PBT / vPvB
Propylene carbonate	The substance is not PBT / vPvB
Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	The substance is not PBT / vPvB
Benzotriazole	The substance is not PBT / vPvB

12.6. Endocrine disrupting properties

Endocrine disrupting properties The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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.

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 regulated
14.5 Environmental hazards Not applicable
14.6 Special precautions for user
Special Provisions 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 regulated
14.5 Environmental hazards Not applicable
14.6 Special precautions for user
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 regulated
14.5 Environmental hazards Not applicable
14.6 Special precautions for user
Special Provisions None

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 regulated
14.5 Environmental hazards Not applicable
14.6 Special precautions for user
Special Provisions None

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
Quartz (SiO2) - 14808-60-7	RG 25
Diphenylamine - 122-39-4	RG 15,RG 15bis

Germany
Water hazard class (WGK) slightly hazardous to water (WGK 1)

Carcinogenic, mutagenic and reproductive toxic effects

Chemical name	Netherlands - List of Carcinogens	Netherlands - List of Mutagens	Netherlands - List of Reproductive Toxins
Quartz (SiO2)	Present	-	-

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)

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorisation per REACH Annex XIV
Propylene carbonate - 108-32-7	75.	-
Diphenylamine - 122-39-4	75.	-

Persistent Organic Pollutants

Not applicable

Export Notification requirements

Chemical name	European Export/Import Restrictions per (EC) 649/2012 - Annex Number
Diphenylamine - 122-39-4	I.1 I.2

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 (SiO2) - 14808-60-7	Plant protection agent

International Inventories

TSCA	Contact supplier for inventory compliance status
DSL/NDSL	Contact supplier for inventory compliance status
EINECS/ELINCS	Contact supplier for inventory compliance status
ENCS	Contact supplier for inventory compliance status
IECSC	Contact supplier for inventory compliance status
KECI	Contact supplier for inventory compliance status
PICCS	Contact supplier for inventory compliance status
AIIC	Contact supplier for inventory compliance status
NZIoC	Contact supplier for inventory compliance status

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
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
AIIC - Australian Inventory of Industrial Chemicals
NZIoC - New Zealand Inventory of Chemicals

15.2. Chemical safety assessment

Chemical Safety Report Chemical safety assessments for substances in this mixture were not carried out

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
H319 - Causes serious eye irritation

Legend
SVHC: Substances of Very High Concern for Authorisation:

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
+	Sensitisers		

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)
National Institute of Technology and Evaluation (NITE)
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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Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)
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End of Safety Data Sheet