

Safety Data Sheet

according to Regulation (EC) No 1907/2006 corrected by
Regulation (EU) 2020/878

IMPREX C

Revision date: 11.05.2023

Product code: 1.500.3.52

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

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1.2. Relevant identified uses of the substance or mixture and uses advised against**1.3. Details of the supplier of the safety data sheet**

Company name: Orchidee Europe BV
 Street: Brielen 2
 Place: B 2830, Tiselt, Belgium
 Telephone: +32 (0) 3 291 05 42 Telefax: +32 (0) 14 58 33 11
 E-mail: admin.sales@orchidee-europe.com
 E-mail (Contact person): admin.sales@orchidee-europe.com
 Internet: WWW.ORCHIDEE-EUROPE.COM
 Responsible Department: Office Open Hours: 08:00-17:00

1.4. Emergency telephone

+32 (0) 3 291 05 42

number:**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements**Regulation (EC) No 1272/2008****Special labelling of certain mixtures**

EUH208 Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one. May produce an allergic reaction.
 EUH210 Safety data sheet available on request.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
577-11-7	Sodium Dioctylsulfosuccinate			5 - < 10 %
	209-406-4			
	Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H302 H315 H319 H335			
107-21-1	ethanediol, ethylene glycol			1 - < 5 %
	203-473-3	603-027-00-1	01-2119456816-28	
	Acute Tox. 4; H302			

Full text of H and EUH statements: see section 16.

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Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
577-11-7	209-406-4	Sodium Dioctylsulfosuccinate	5 - < 10 %
		oral: ATE = 500 mg/kg	
107-21-1	203-473-3	ethanediol, ethylene glycol	1 - < 5 %
		dermal: LD50 = 10600 mg/kg; oral: ATE = 500 mg/kg	

Labelling for contents according to Regulation (EC) No 648/2004

preservation agents (Benzisothiazolinone).

Further Information

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). "If signs or symptoms occur, remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention."

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

After contact with eyes

Immediately flush eyes with large amounts of water. Get immediate medical attention.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

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

Irritation and etching

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Product itself is fire extinguishing agent

5.2. Special hazards arising from the substance or mixture

At high temperature : concentrate gives toxic products. Thermal decomposition of usage concentrations does not present a hazard.

5.3. Advice for firefighters

Avoid contact with water reactive materials, burning metals and electrically energized equipment.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Wear personal protection equipment (refer to section 8). Use appropriate respiratory protection.

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6.2. Environmental precautions

Do not allow to enter into surface water or drains.

Clean contaminated articles and floor according to the environmental legislation. Treat the recovered material as prescribed in the section on waste disposal.

6.3. Methods and material for containment and cleaning up**Other information**

Soak up inert absorbent and dispose as waste requiring special attention. Use approved industrial vacuum cleaner for removal. Collect in closed and suitable containers for disposal.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

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

Advice on protection against fire and explosion

No special handling advices are necessary.

Advice on general occupational hygiene

Avoid contact with skin, eyes and clothes. When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. When using do not eat, drink, smoke, sniff.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep only in the original container in a cool, well-ventilated place.

Hints on joint storage

maximum storage temperature 50

minimum storage temperature -1

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Occupational exposure limits**

CAS No	Substance	ppm	mg/m ³	fib/cm ³	Category	Origin
107-21-1	Ethane-1,2-diol, vapour	20	52		TWA (8 h)	
		40	104		STEL (15 min)	

8.2. Exposure controls**Appropriate engineering controls**

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Individual protection measures, such as personal protective equipment**Eye/face protection**

"Avoid eye contact with vapour, spray, or mist. Wear vented goggles."

Hand protection

Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) are recommended: Butyl rubber.

Skin protection

Avoid skin contact.

Respiratory protection

Work in well-ventilated zones or use proper respiratory protection.

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SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	Liquid
Colour:	clear
Melting point/freezing point:	-3 °C
Boiling point or initial boiling point and boiling range:	100 °C
Flash point:	ca. 100 - 110 °C
pH-Value (at 20 °C):	6-9
Water solubility:	very soluble
Density (at 20 °C):	1.07+-0.02 g/cm ³

9.2. Other information**Information with regard to physical hazard classes**

Sustaining combustion: Not sustaining combustion

Other safety characteristics

Solvent content:	1.20 %
Solid content:	16.71 %
Viscosity / dynamic: (at 20 °C)	<20 mPa·s

SECTION 10: Stability and reactivity**10.1. Reactivity**

none

10.2. Chemical stability

The study does not need to be conducted because the substance is known to be soluble in water to form a stable mixture.

10.3. Possibility of hazardous reactions

none

10.4. Conditions to avoid

none

10.5. Incompatible materials

none

10.6. Hazardous decomposition products

none

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

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

Acute oral toxicity Calculation based classification - LD50 - NOEC >2000 - Value >2000

ATEmix calculated

ATE (oral) 5556 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
577-11-7	Sodium Dioctylsulfosuccinate				
	oral	ATE 500 mg/kg			
107-21-1	ethanediol, ethylene glycol				
	oral	ATE 500 mg/kg			
	dermal	LD50 10600 mg/kg	Rabbit	GESTIS	

Irritation and corrosivity

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

Sensitising effects

Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

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.

SECTION 12: Ecological information**12.1. Toxicity**

Algae toxicity OECD 201 - IC50 - NOEC 75 mg/l - Value 250 mg/l
Daphnia toxicity OECD 202 - EC50 - NOEC 10 mg/l - Value 250 mg/l
Fish toxicity OECD 203 - LC50 - NOEC 100 mg/l - Value 320 mg/l
Bacteria toxicity DIN EN ISO 38412-3 - NOEC - ml/l - Value 0.8 ml/l

12.2. Persistence and degradability

Biodegradability OECD 301F - 98.9% (28 days) ; 100% (31 dyas)

12.3. Bioaccumulative potential

There are no data available on the mixture itself.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
107-21-1	ethanediol, ethylene glycol	-1,36

12.4. Mobility in soil

There are no data available on the mixture itself.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

There are no data available on the mixture itself.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

There are no data available on the mixture itself.

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Further information

Depending on local conditions and existing concentrations, in the case of discharge in biological sewage plants, problems in the decomposition activity of activated sludge are possible.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****SECTION 14: Transport information****Land transport (ADR/RID)****Other applicable information (land transport)**

No dangerous good in sense of these transport regulations.

Inland waterways transport (ADN)**Other applicable information (inland waterways transport)**

No dangerous good in sense of these transport regulations.

Marine transport (IMDG)**Other applicable information (marine transport)**

No dangerous good in sense of these transport regulations.

Air transport (ICAO-TI/IATA-DGR)**Other applicable information (air transport)**

No dangerous good in sense of these transport regulations.

Danger releasing substance: No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 75

2010/75/EU (VOC): 0.005 % (0.048 g/l)

2004/42/EC (VOC): 1.205 % (12.888 g/l)

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

15.2. Chemical safety assessment

For this mixture a chemical safety assessment has been carried out.

SECTION 16: Other information**Abbreviations and acronyms**

Acute Tox: Acute toxicity

Skin Irrit: Skin irritation

Eye Irrit: Eye irritation

STOT SE: Specific target organ toxicity - single exposure

Relevant H and EUH statements (number and full text)

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

EUH208 Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one. May produce an

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allergic reaction.
EUH210 Safety data sheet available on request.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)