

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Precious Sapphire

Revision date: 16.01.2020

Product code: 239799

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

1.1. Product identifier

Precious Sapphire

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

Use of the substance/mixture

Intradermal application

Uses advised against

No data available

1.3. Details of the supplier of the safety data sheet

Company name:	Goldeneye Permanent System GmbH Germany		
Street:	Mittelwegring 31		
Place:	D-76751 Jockgrim		
Telephone:	+49 7271 98999-10	Telefax:	+49 7271 98999-11
e-mail:	info@goldeneye.de		
e-mail (Contact person):	info@goldeneye.de		
Internet:	http://www.goldeneye.de		
Responsible Department:	Qualitätssicherung		

1.4. Emergency telephone number:

+49 7271 98999-10

SECTION 2: Hazards identification

2.2. Label elements

2.3. Other hazards

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
25322-68-3	PEG-8			1 - < 5 %

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

After inhalation

Provide fresh air.

After contact with skin

Wash with plenty of water. Change contaminated clothing.

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After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and drink plenty of water.

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

Allergic anaphylactic shock.

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

Regulation of the blood circulation, possible shock treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water. Carbon dioxide (CO₂). Foam. Extinguishing powder.

5.2. Special hazards arising from the substance or mixture

Combustible. Vapours may form explosive mixtures with air.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition.

6.2. Environmental precautions

Do not allow uncontrolled discharge of product into the environment. Explosion hazard.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

No special environmental protection measures are necessary.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Advice on protection against fire and explosion

Keep away from sources of ignition. - No smoking. Take precautionary measures against static discharge. Vapours may form explosive mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from sources of ignition. - No smoking.

Advice on storage compatibility

Do not store together with: Material, rich in oxygen, oxidizing.

7.3. Specific end use(s)

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Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
56-81-5	Glycerol, mist	-	10		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

8.2. Exposure controls

Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Protective and hygiene measures

Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection

Eye protection: not required.

Hand protection

Hand protection: not required.

Skin protection

Body protection: not required.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: liquid
 Colour: blue
 Odour: characteristic
 pH-Value (at 20 °C): 7,7

Changes in the physical state

Melting point: No data available
 Initial boiling point and boiling range: 78 °C
 Sublimation point: No data available
 Softening point: No data available
 Flash point: 42 °C

Flammability

Solid: No data available
 Gas: No data available
 Lower explosion limits: 3,5 vol. %
 Upper explosion limits: 15 vol. %
 Ignition temperature: 95 °C

Auto-ignition temperature

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Solid: No data available
Gas: No data available

Oxidizing properties

Alcohol

Vapour pressure: 58 hPa
(at 20 °C)

Vapour pressure: 293 hPa
(at 50 °C)

Density (at 20 °C): 1,6 g/cm³

Bulk density: No data available

Water solubility: No data available

Solubility in other solvents

No data available

Partition coefficient: No data available

Viscosity / dynamic: No data available

Viscosity / kinematic: No data available

Flow time: No data available

Vapour density: No data available

Evaporation rate: No data available

Solvent separation test: No data available

Solvent content: 22,90 %

9.2. Other information

Solid content: 40

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Ignition hazard.

10.2. Chemical stability

No data available

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Keep away from heat. Ignition hazard.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No data available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicokinetics, metabolism and distribution

No information available.

Acute toxicity

There are no data available on the preparation/mixture itself.

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
25322-68-3	PEG-8				
	oral	LD50 2000 mg/kg	Ratte		

Irritation and corrosivity

Not an irritant.

Sensitising effects

not sensitising.

Carcinogenic/mutagenic/toxic effects for reproduction

No indications of human carcinogenicity exist.

No indications of human germ cell mutagenicity exist.

No indications of human reproductive toxicity exist.

STOT-single exposure

No information available.

STOT-repeated exposure

No information available.

Aspiration hazard

No information available.

Specific effects in experiment on an animal

The components in this formulation do not meet the criteria for classification as CMR category 1 or 2.

Additional information on tests

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

Practical experience

Observations relevant to classification

No information available.

Other observations

No information available.

Further information

Summarized evaluation of the CMR properties: The components in this formulation do not meet the criteria for classification as CMR category 1 or 2.

SECTION 12: Ecological information

12.1. Toxicity

Technically correct releases of minimal concentrations to adapted biological sewage treatment facility, will not disturb the biodegradability of activated sludge.

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

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Further information

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Waste disposal number of waste from residues/unused products

200128 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins other than those mentioned in 20 01 27

Waste disposal number of used product

200128 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins other than those mentioned in 20 01 27

Waste disposal number of contaminated packaging

200128 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins other than those mentioned in 20 01 27

Contaminated packaging

Water (with cleaning agent). Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: Not classified for this carrier.

14.2. UN proper shipping name: Not classified for this carrier.

14.3. Transport hazard class(es): No

14.4. Packing group: No

Other applicable information (land transport)

No dangerous good in sense of this transport regulation.

Not restricted

Inland waterways transport (ADN)

14.1. UN number: Not classified for this carrier.

14.2. UN proper shipping name: Not classified for this carrier.

14.3. Transport hazard class(es): No

14.4. Packing group: No

Other applicable information (inland waterways transport)

Not restricted

Marine transport (IMDG)

14.1. UN number: Not classified for this carrier.

14.2. UN proper shipping name: Not classified for this carrier.

14.3. Transport hazard class(es): No

14.4. Packing group: -

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Other applicable information (marine transport)

Not restricted

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: Not classified for this carrier.

14.2. UN proper shipping name: Not classified for this carrier.

14.3. Transport hazard class(es): No

14.4. Packing group: -

Other applicable information (air transport)

No dangerous good in sense of this transport regulation.

Not restricted

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

2004/42/EC (VOC): 22,9 % (366,4 g/l)

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment

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

SECTION 16: Other information

Changes

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Validity period: EC member states, Switzerland, Turkey, Russia, Croatia

Identified uses

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	Colouring agent, pigment	-	-	-	-	-	-	-	

LCS: Life cycle stages

PC: Product categories

ERC: Environmental release categories

TF: Technical functions

SU: Sectors of use

PROC: Process categories

AC: Article categories

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