

EU SAFETY DATA SHEET

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

Trade name: **Pearlescent Colours**Issue date: **29.11.2022**Version: **1.1**Print date: **29.11.2022**Page **1** / **9****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name Pearlescent Colours
Article number F0600, F0601, F0602, F0603, F1200, F5600, F2400, Refills

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

General use
Painting
Uses advised against

1.3 Details of the supplier of the safety data sheet

Reißzeugfabrik Seelig GmbH & Co. KG
Bahnhofswald 5
91448 Emskirchen
Germany
Tel.: +49 (0) 9104 / 82 72-0
Fax: +49 (0) 9104 / 72 72-20
Email: info@reisszeuge-sema.de

1.4 Emergency telephone number: +49 (0) 9104 / 8249783 (mo to th 7:00 - 16:00, fr 7:00 - 12:00)**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

Classification according to EC regulation 1272/2008 (CLP)
No hazard labelling required

2.2 Label elements

Labelling (CLP)

Hazard pictograms	---
Signal word	---
Hazard statements	---
Safety precautions	---

2.3 Other hazards

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SECTION 3: Composition / information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Chemical characterization

Metal/Plastic box with colour cakes containing pigments, binders, detergents, preservatives

Hazardous ingredients

CAS: 56-81-5 EINECS: 200-289-5	Glycerin Substance with a Community workplace exposure limit	1 - <5%
CAS: 122-99-6 EINECS: 204-589-7	2-Phenoxyethanol Acute Tox. 4, H302; Eye Irrit. 2, H319	<0,9%

Full Text for all H-phrases and EUH-phrases: pls. see section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

No special measures are required.

In case of inhalation

Supply fresh air.

In case of skin contact

Wash with soap and plenty of water.

After eye contact

Flush with plenty of water with eyelid open. In case of symptoms consult doctor.

After swallowing

No emergency health care necessary. In case of symptoms consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

5.2 Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide and carbon dioxide, nitrogen oxides
Under certain fire conditions, traces of other toxic gases cannot be excluded.

5.3 Advice for firefighters

Special protective equipment for firefighters

Use self-contained breathing apparatus. Wear protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes, and clothing.

6.2 environmental precautions

Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up

Take up mechanically. Wash spill area with plenty of water.

6.4 Reference to other sections

Dispose of waste according to applicable legislation. Refer to chapter 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions against fire and explosion / Advices on safe handling

Handle in accordance with good industrial hygiene and safety practice.

General protective and hygiene measures

Keep away from foodstuffs and beverages. Avoid skin and eye contact.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers

No special requirements.

Hints on joint storage

Do not store together with: Oxidizing agents, strong acids, strong bases

Storage class

11 - 13

7.3 Specific end use(s)

See chapter 1.2.

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56-58-5 Glycerin	
	List of approved workplace exposure limits (WELs) / EH40 Glycerol mist TWA 10 mg/m ³
122-99-6 2 Phenoxyethanol	
DNEL/DMEL	
Acute - systemic effects, oral	17,43 mg/kg bodyweight (General population)
Long-term - systemic effects, oral	17,43 mg/kg bodyweight/day (General population)
Long-term - systemic effects, dermal	34,72 mg/kg bodyweight/day (Workers) 20,83 mg/kg bodyweight/day (General population)
Long-term - systemic effects, inhalation	8,07 mg/m ³ (Workers)
Long-term - local effects, inhalation	8,07 mg/m ³ (Workers) 2,41 mg/m ³ (General population)
PNEC	
PNEC aqua (freshwater)	0,943 mg/l
PNEC aqua (marine water)	0,094 mg/l
PNEC aqua (intermittent, freshwater)	3,44 mg/l
PNEC sediment (freshwater)	7,23 mg/kg dwt
PNEC sediment (marine water)	0,723 mg/kg dwt
PNEC soil	1,26 mg/kg dwt
PNEC sewage treatment plant	24,8 mg/l

8.2 Exposure controls**Personal protective equipment****Respiratory protection**

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

Hand protection

Eye protection

Body protection

General protection and hygiene measures

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SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Physical state	solid
Colour	pigmented
Odour	none
pH	---
Melting point/freezing point	---
Initial boiling point/boiling range	---
Flashpoint	---
Evaporation rate	---
Flammability (solid, gas)	Product is non-combustible.
Upper explosive limits	---
Lower explosive limits	---
Vapour pressure	---
Vapour density	---
Relative density	approx. 1.2 g/cm ³
Solubility in water	Waterdispersable
Partition coefficient	
n-octanol/water	---
Auto-ignition temperature	---
Decomposition temperature	---
Viscosity dynamic	---

9.2 Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions occur when handled and stored as intended.

10.2. Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3. Possibility of hazardous reactions

No decomposition if used according to specifications.

10.4 Conditions to avoid

See section 7.

10.5. Incompatible materials

Oxidizing agents, strong acids, strong bases

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10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

LD/LC50 values relevant for classification:

56-58-5 Glycerin		
Oral	LD50	12.600 mg/kg (rat)
122-99-6 2-Phenoxyethanol		
Oral	LD50	1.260 mg/kg (rat)
Dermal	LD50	5.000 mg/kg (rabbit)

Skin corrosion/irritation

No data available

Serious eye damage/irritation

No data available

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Reproduction toxicity

No data available

Carcinogenicity

No data available

STOT-single exposure

No data available

STOT-repeated exposure

No data available

Aspiration hazard

No data available

SECTION 12: Ecological information

12.1 Toxicity

Acute or chronic damages to water organisms by the product in the aquatic environment are not expecting.

12.2 Persistence and degradability

Product is partially biodegradable.

12.3 Bioaccumulative potential

No data available

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No data available.

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

12.7 Other information

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Special treatments should be carried out in compliance with federal state and local regulations. Smaller quantities can be disposed with household garbage.

Contaminated packaging

Special treatments should be carried out in compliance with federal state and local regulations. Smaller quantities can be disposed with household garbage.

SECTION 14: Transport information**14.1 UN number**

The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

14.2 UN proper shipping name

The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

14.3 Transport hazard class(es)

The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

14.4 Packing group

The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant.

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SECTION 15: Regulatory information

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

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorization)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorization as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorization

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorization) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

Directive 1999/13/EC on the limitation of emissions of volatile organic compounds due to the use of organic solvents (VOC Directive)

VOC content: 0%

Other regulations

The national health and work safety regulations must be observed when using this product.

National regulatory information (Germany)

Water Hazard Class: 1

Classification according to VwVwS

USA

Required Statements: Conforms to ASTM D-4236

Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:

Article number **7002, 7300, 7800**: WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

15.2 Chemical Safety Assessment

A chemical safety assessment was not carried out.

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SECTION 16: Other information

Further information

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H302	Harmful if swallowed.
H319	Causes serious eye irritation.

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

For abbreviations and acronyms see ECHA: Guidance on information requirements and chemical safety assessment Chapter R.20 (Table of terms and abbreviations).