

Safety Data Sheet

Regulation(EC) No.1907/2006 and 1272/2008

Printing date: December 30, 2025

Version No.: 1.0

Revision: December 30, 2025

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

· 1.1 Product identifier

· Trade name:

HIMI - SOLID PAINT - 24 COLORS - METALLIC

· Other means of identification:

Article No.:YSC192

UFI code: No available data.

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

· Relevant identified uses:

Consumer uses, painting.

· Uses advised against:

No available data.

· Reason why uses advised against:

No available data.

· 1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier:

Hangzhou MIYA Stationery Co., Ltd

Room 100I1, Unit 2, Building 2. No. 17, Longtian Street, Zhuantang Street, Xihu District, HangZhou, Zhejiang Province, China

Post code:310024

Tel:+86-571-89719942

Email:michelle@miyaarts.com

National contact: Michelle Zhou

· Only Representative/other EU contact point.

No information available.

· 1.4 Emergency telephone number

Tel:+86-571-89719942

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· 2.1.1 Classification according to regulation (EC)1272/2008:

Item Numbers: 86352-0109

The product is not classified according to CLP Regulation.

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Regulation(EC) No 1272/2008 [CLP]	Classification procedure
Not applicable	Not applicable

· 2.2 Label elements

· Labeling according to Regulation (EC) No 1272/2008.

The product is not labelled according to CLP Regulation.

· Hazard pictograms:

Not applicable

· Signal word:

Not applicable

· Hazard-determining components of labelling:

Not applicable

· Hazard statements:

Not applicable

· Precautionary statement:

Not applicable

· Supplemental label elements:

Not applicable

· 2.3 Other hazards

None of the ingredients ($\geq 0.1\%$) meets the criteria for PBT/vPvB in accordance with Annex XIII.

None of the ingredients ($\geq 0.1\%$) are identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.

SECTION 3: Composition/information on ingredients

· 3.1 Mixtures

· Description of the mixture:

HIMI SOLID PAINT.

Ingredients:						
Substance	CAS No.	Index No.	EC No.	w/w, %	CLP Classification	SCL/M-factor/ATE
Arabic gum	9000-01-5	-	232-519-5	23-35	NONE	-
Maltose	69-79-4	-	200-716-5	20-33	NONE	-
Glycerol	56-81-5	-	200-289-5	5	NONE	-
Calcium Carbonate	471-34-1	-	207-439-9	0-30	NONE	-
Pigment powder			See below list	27-39	NONE	

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Pigment powder list:

Colors	Substance	CAS No.	Index No.	EC No.	w/w, %	CLP Classification	SCL/M-factor/ATE
Metallic Pale Purple	Mica	12001-26-2	-	310-127-6	18-19.25	NONE	-
	Pigment White 6	13463-67-7	-	236-675-5	5.75-7	NONE	-
	Pigment Violet 23	6358-30-1	-	228-767-9	2.00	NONE	-
Metallic Pink	Mica	12001-26-2	-	310-127-6	21.6-23.1	NONE	-
	Pigment White 6	13463-67-7	-	236-675-5	6.9-8.4	NONE	-
	Pigment Red 170	2786-76-7	-	220-509-3	2.00	NONE	-
Bronze	Mica	12001-26-2	-	310-127-6	10.8-13	NONE	-
	Pigment White 6	13463-67-7	-	236-675-5	6-7	NONE	-
	Iron oxide red	1309-37-1	-	215-169-2	1-2	NONE	-
	Tin oxide	18282-10-5	-	242-159-0	0-0.2	NONE	-
	Pigment Black 7	1333-86-4	-	215-609-9	0.45	NONE	-
	Pigment Red 122	980-26-7	-	213-561-3	18.00	NONE	-
Metallic Deep Red	Mica	12001-26-2	-	310-127-6	18-19.25	NONE	-
	Pigment White 6	13463-67-7	-	236-675-5	5.75-7	NONE	-
	Pigment Red 170	2786-76-7	-	220-509-3	7.00	NONE	-
Metallic Rose	Mica	12001-26-2	-	310-127-6	18-19.25	NONE	-
	Pigment White 6	13463-67-7	-	236-675-5	5.75-7	NONE	-
	Pigment Red 122	980-26-7	-	213-561-3	5.00	NONE	-
Metallic Purple	Mica	12001-26-2	-	310-127-6	18-19.25	NONE	-
	Pigment White 6	13463-67-7	-	236-675-5	5.75-7	NONE	-
	Pigment Violet 23	6358-30-1	-	228-767-9	5.00	NONE	-
Metallic Reddish Purple	Mica	12001-26-2	-	310-127-6	18-19.25	NONE	-
	Pigment White 6	13463-67-7	-	236-675-5	5.75-7	NONE	-
	Pigment Violet 23	6358-30-1	-	228-767-9	4.00	NONE	-
	Pigment Red 170	2786-76-7	-	220-509-3	3.00	NONE	-
Metallic Sky Blue	Mica	12001-26-2	-	310-127-6	21.6-23.1	NONE	-
	Pigment White 6	13463-67-7	-	236-675-5	6.9-8.4	NONE	-
	Pigment Blue 15:3	147-14-8	-	205-685-1	3.00	NONE	-
Metallic Acid Blue	Mica	12001-26-2	-	310-127-6	18-19.25	NONE	-
	Pigment White 6	13463-67-7	-	236-675-5	5.75-7	NONE	-
	Pigment Blue 15:3	147-14-8	-	205-685-1	7.00	NONE	-
Metallic Turquoise	Mica	12001-26-2	-	310-127-6	18-19.25	NONE	-
	Pigment White 6	13463-67-7	-	236-675-5	5.75-7	NONE	-
	Pigment Blue 15:3	147-14-8	-	205-685-1	5.00	NONE	-
	Pigment Yellow 14	5468-75-7	-	226-789-3	0.50	NONE	-
Metallic Powder	Mica	12001-26-2	-	310-127-6	21.6-23.1	NONE	-
	Pigment White 6	13463-67-7	-	236-675-5	6.9-8.4	NONE	-

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Blue	Pigment Blue 15:3	147-14-8	-	205-685-1	1.00	NONE	-
Silver	Mica	12001-26-2	-	310-127-6	18-19.25	NONE	-
	Pigment White 6	13463-67-7	-	236-675-5	5.75-7	NONE	-
	Pigment Black 7	1333-86-4	-	215-609-9	5.00	NONE	-
Metallic Sepia	Mica	12001-26-2	-	310-127-6	18-19.25	NONE	-
	Pigment White 6	13463-67-7	-	236-675-5	5.75-7	NONE	-
	Pigment Yellow 42	51274-00-1	-	257-098-5	5.00	NONE	-
	Pigment Red 101	1332-37-2	-	215-570-8	3.00	NONE	-
	Iron oxide black	12227-89-3	-	235-442-5	1.00	NONE	-
Metallic Lemon Yellow	Mica	12001-26-2	-	310-127-6	18-19.25	NONE	-
	Pigment White 6	13463-67-7	-	236-675-5	5.75-7	NONE	-
	Pigment Yellow 3	6486-23-3	-	229-355-1	6.00	NONE	-
Gold	Mica	12001-26-2	-	310-127-6	16.2-19.5	NONE	-
	Pigment White 6	13463-67-7	-	236-675-5	9-10.5	NONE	-
	Iron oxide red	1309-37-1	-	215-169-2	1.5-3	NONE	-
	Tin oxide	18282-10-5	-	242-159-0	0-0.3	NONE	-
Metallic Orange	Mica	12001-26-2	-	310-127-6	18-19.25	NONE	-
	Pigment White 6	13463-67-7	-	236-675-5	5.75-7	NONE	-
	Pigment Orange 13	3520-72-7	-	222-530-3	6.00	NONE	-
Metallic Teal	Mica	12001-26-2	-	310-127-6	18-19.25	NONE	-
	Pigment White 6	13463-67-7	-	236-675-5	5.75-7	NONE	-
	Pigment Blue 15:3	147-14-8	-	205-685-1	4.00	NONE	-
	Pigment Yellow 14	5468-75-7	-	226-789-3	3.00	NONE	-
Metallic Pale Green	Mica	12001-26-2	-	310-127-6	18-19.25	NONE	-
	Pigment White 6	13463-67-7	-	236-675-5	5.75-7	NONE	-
	Pigment Yellow 3	6486-23-3	-	229-355-1	2.00	NONE	-
	Pigment Green 7	1328-53-6	-	215-524-7	6.00	NONE	-
Metallic Yellow Green	Mica	12001-26-2	-	310-127-6	18-19.25	NONE	-
	Pigment White 6	13463-67-7	-	236-675-5	5.75-7	NONE	-
	Pigment Yellow 3	6486-23-3	-	229-355-1	4.00	NONE	-
	Pigment Green 7	1328-53-6	-	215-524-7	7.00	NONE	-
Metallic Burnt Umber	Mica	12001-26-2	-	310-127-6	18-19.25	NONE	-
	Pigment White 6	13463-67-7	-	236-675-5	5.75-7	NONE	-
	Pigment Yellow 42	51274-00-1	-	257-098-5	3.00	NONE	-
	Pigment Red 101	1332-37-2	-	215-570-8	3.50	NONE	-
	Iron oxide black	12227-89-3	-	235-442-5	1.50	NONE	-
Metallic Black	Mica	12001-26-2	-	310-127-6	18-19.25	NONE	-
	Pigment White 6	13463-67-7	-	236-675-5	5.75-7	NONE	-
	Pigment Black 7	1333-86-4	-	215-609-9	5.00	NONE	-
Metallic	Mica	12001-26-2	-	310-127-6	21.6-23.1	NONE	-

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White	Pigment White 6	13463-67-7	-	236-675-5	6.9-8.4	NONE	-
Metallic Primrose	Mica	12001-26-2	-	310-127-6	18-19.25	NONE	-
	Pigment White 6	13463-67-7	-	236-675-5	5.75-7	NONE	-
	Pigment Yellow 14	5468-75-7	-	226-789-3	3.00	NONE	-
Metallic Oriental Red	Mica	12001-26-2	-	310-127-6	18-19.25	NONE	-
	Pigment White 6	13463-67-7	-	236-675-5	5.75-7	NONE	-
	Pigment Red 170	2786-76-7	-	220-509-3	5.00	NONE	-

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· General notes:

Get medical attention if you feel unwell.

· Following inhalation:

Supply with fresh air.

Get medical attention if you feel unwell.

· Following skin contact:

Wash with water.

If there are signs of irritation or other symptoms, seek medical attention.

· Following eye contact:

Rinse cautiously with water for several minutes.

If eye irritation occurs: Get medical advice / attention.

· Following ingestion:

Rinse mouth.

Call a POISON CENTER/doctor if you feel unwell.

· Self-protection of the first aider:

Wear disposable, latex free gloves.

· 4.2 Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are as indicated in sections 2 and 11.

· 4.3 Indication of any immediate medical attention and special treatment needed:

Treat according to symptom, there is not known specific medicine.

SECTION 5: Fire-fighting measures

· 5.1 Extinguishing media

· Suitable extinguishing agents:

The product is not flammable.

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Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

· **Unsuitable extinguishing media:**

No known unsuitable extinguishing media.

· **5.2 Special hazards arising from the substance or mixture**

· **Hazardous combustion products:**

No special hazards arising from the mixture.

· **5.3 Advice for firefighters**

· **Protective equipment:**

Wear self-contained breathing apparatus for firefighting.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

· **6.1.1 For non-emergency personnel**

· **Protective equipment:**

Respiration protection.

· **Emergency procedures:**

Ensure adequate ventilation.

Avoid breathing dust.

· **6.1.2 For emergency responders**

· **Personal protective equipment:**

Respiration protection.

· **6.2 Environmental precautions:**

Prevent further leakage or spillage if safe to do so.

Prevent spillage from entering drains, sewer, basement or confined areas.

If the spillage contaminates rivers, lakes or drains inform respective authorities.

· **6.3 Methods and material for containment and cleaning up.**

· **6.3.1 For containment:**

Bunding, covering of drains.

· **6.3.2 For cleaning up:**

Use any feasible mechanical means (e.g. vacuum, sweeping) but avoid dusting during clean-up.

Ensure well ventilation.

· **6.3.3 other information:**

Dispose contaminated material as waste according to section 13.

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· 6.4 Reference to other sections:

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See section 13 for disposal information.

SECTION 7: Handling and storage**· 7.1 Precautions for safe handling:****· Protective measures:**

No special precautions for safe handling are normally required.

· Measures to prevent fire.

Normal measures for preventive fire protection.

· Measures to prevent aerosol and dust generation:

Ensure well ventilation at workplace.

· Measures to protect the environment:

Avoiding spills or keeping away from drains.

· Advice on general occupational hygiene:

Wear respiration protection.

· 7.2 Conditions for safe storage, including any non-compatibility**· Technical measures and storage conditions:**

Store in a cool and well-ventilated place.

· Packaging materials:

No specific material.

· Requirements for storage rooms and vessels:

No further requirements.

· Storage class:

13.

· Further information on storage conditions:

No further requirements.

· 7.3 Specific end use(s)**· Recommendations:**

See section 1.2.

· Industrial sector specific solutions.

No further information.

SECTION 8: Exposure controls/personal protection**· 8.1 Control parameters****· Ingredients with limit values that require monitoring at the workplace:**

Country	Limit value - Eight hours	Limit value - Short term	Page 7 of 18
56-81-5 Glycerin			

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Belgium	10 mg/m ³	-
Finland	20 mg/m ³	-
France	10 mg/m ³	-
Germany(DFG)	200 mg/m ³ Inhalable fraction	400 mg/m ³ Inhalable fraction; 15 minutes average value
Ireland	10 mg/m ³	-
Poland	10 mg/m ³	-
Spain	10 mg/m ³	-
United Kingdom	10 mg/m ³	-
13463-67-7 Pigment White 6		
Belgium	10 mg/m ³	-
Denmark	6 mg/m ³ total dust	10 mg/m ³ total dust
France	11 mg/m ³ Inhalable aerosol	-
Ireland	10 mg/m ³ Inhalable fraction; 4 mg/m ³ Respirable fraction;	-
Latvia	10 mg/m ³	-
Poland	10 mg/m ³	30 mg/m ³
Spain	10 mg/m ³ Inhalable aerosol	-
Romania	10 mg/m ³	15 mg/m ³ 15 minutes average value
Sweden	5 mg/m ³ Inhalable aerosol	-
United Kingdom	10 mg/m ³ Inhalable aerosol; 4 mg/m ³ Respirable aerosol;	-

• DNELs:

DNEL type		DNEL worker value	DNEL consumer value
471-34-1 Calcium carbonate			
Local effects	Long-term, inhalation exposure	6.36 mg/m ³	1.06 mg/m ³
1328-53-6 Pigment green 7			
Systemic effects	Long-term, inhalation exposure	16.4 mg/m ³	2.9 mg/m ³
	Long-term, dermal exposure	4.67 mg/kg bw/day	1.67 mg/kg bw/day
	Long-term, oral exposure	-	1.67 mg/kg bw/day
Local effects	Long-term, inhalation exposure	1.25 mg/m ³	1.25 mg/m ³

• PNECs:

PENC type	Value
471-34-1 Calcium carbonate	
Sewage treatment plant (STP)	100 mg/L
1328-53-6 Pigment green 7	
Freshwater	100 µg/L
Intermittent releases (freshwater)	1 mg/L
Marine water	10 µg/L

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Intermittent releases (marine water)	100 µg/L
Sewage treatment plant (STP)	1 g/L

· **Additional information:**

The lists valid during the marking were used as basis.

· **8.2 Exposure controls**

· **Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.**

· **8.2.1 Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety, practice.

Wash hands and face before breaks and at the end of work.

See section 7 for information about design of technical facilities.

· **8.2.2 Personal protection equipment**

· **Eye/face protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Safety glasses

Protective goggles with side-shields.

· **Skin protection**

· **Hand protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Protective gloves

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.11 mm; breakthrough times up to 480 minutes).

· **Other skin protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Face protection



Safety boots



Safety overalls

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Face shield, gauntlets, boots, bodysuit are recommended.

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· Respiration protection:

Not required under normal conditions of use.

For industrial applications, following protection required:



Respiratory equipment

Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.

· Thermal hazards:

Not required under normal conditions of use.

For industrial applications, following protection required:

The gauntlets, boots, bodysuit and other personal protective equipment must be flame retardant and no heat-conducting.

· 8.2.3 Environmental exposure controls:

Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

·Physical state	Solid
·Color	Metallic Pale Purple, Metallic Pink, Bronze,Metallic Deep Red,Metallic Rose,Metallic Purple,Metallic Reddish Purple,Metallic Sky Blue,Metallic Acid Blue,Metallic Turquoise,Metallic Powder Blue,Silver,Metallic Sepia,Metallic Lemon Yellow,Gold,Metallic Orange,Metallic Teal,Metallic Pale Green,Metallic Yellow Green,Metallic Burnt Umber,Metallic Black,Metallic White,Metallic Primrose,Metallic Oriental Red
·Odor & Odorthreshold	Odorless
·Melting point/freezing point (or softening point/range)	Not determined
·Boiling point or initial boiling point and boiling range	Not determined
·Flammability	Not flammable solid
·Lower and upper explosion limit	Not determined
·Flash point	Not applicable
·Auto-ignition temperature	Not determined
·Decomposition temperature	Not determined
·pH	Not determined
·Kinematic viscosity(mm ² /s)	Not determined
·Solubility	Not determined
·Partition coefficient n-octanol/water (log value)	Not applicable

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·Vapor pressure	Not determined
·Density andor relative density	1.8-2.1g/cm3
·Relative vapor density	Not determined
·Particle characteristics	Pigment White 6 particles with an aerodynamic diameter ≤10 μm is less than 1% (w/w).

· 9.2 Other information

· 9.2.1 Information with regard to physical hazard classes:

·Explosives	Not applicable
·Flammable gases	Not applicable
·Aerosols	Not applicable
·Oxidising gases	Not applicable
·Gases under pressure	Not applicable
·Flammable liquids	Not applicable
·Flammable solids	Not applicable
·Self-reactive substances and mixtures	Not applicable
·Pyrophorie liquids	Not applicable
·Pyrophorie solids	Not applicable
·Self-heating substanees and mixtures	Not applicable
·Substances and mixtures, which emit flammable gases in contact with water	Not applicable
·Oxidizing liquids	Not applicable
·Oxidizing solids	Not applicable
·Organic peroxides	Not applicable
·Corrosive to metals	Not applicable
·Desensitised explosives	Not applicable

· 9.2.2 Other safety characteristics:

·Mechanical sensitivity	Not applicable
·Selfaccelerating polymerisation temperature.	Not applicable
·Formation ofexplosible dust/air mixtures.	Not applicable
·Acid/alkaline reserve	Not applicable
·Evaporation rate	Not determined
·Miscibility	Not determined
·Conductivity	Not applicable
·Corrosiveness	Not applicable
·Gas group	Not applicable
·Redox potential	Not applicable
·Radical formation potential.	Not applicable
·Photocatalytic properties	Not applicable
·Otherphysical and chemicalparameters	Not determined

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SECTION 10: Stability and reactivity

• 10.1 Reactivity:

The product is non-reactive under normal conditions of use, storage and transport

• 10.2 Chemical stability.:

Under storage at normal ambient temperatures, the product is stable.

• 10.3 Possibility of hazardous reactions:

No known hazardous reaction.

• 10.4 Conditions to avoid:

No specific avoid condition.

• 10.5 Incompatible materials:

Strong oxidizing agent and acids.

• 10.6 Hazardous decomposition products:

Does not decompose when used for intended uses.

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.

Species	Effective Dose	Results	Method/Source
56-81-5 Glycerin			
Rat	LD50-oral	12600 mg/kg	Federation Proceedings, Federation of American Societies for Experimental Biology. Vol. 4, Pg.142. 1945.
Rabbit	LD50-dermal	>10000 mg/kg	Toxicological Data, compiled by the National Institute of Health (NIH), USA, selected and distributed by Technical Database Services (TDS), New York, 2009.
Rabbit	LD50-oral	27 g/kg	Delaware State Medical Journal., 31(276),1959
Mouse	LD50-oral	4090 mg/kg	Farmatsevtichnii Zhurnal, (6)(56),1977
Guinea pig	LD50-oral	7750 mg/kg	Journal of Industrial Hygiene and Toxicology..23(259).1941
Guinea pig	LD50-dermal	45 mL/kg	ECHA registered dossier.
471-34-1 Calcium carbonate			
Rat	LD50-oral	6450 mg/kg	Toxicological Data, compiled by the National Institute of Health (NIH), USA, selected and distributed by Technical Database Services (TDS), New York, 2009.
Rat	LD50-dermal	>2000 mg/kg	ECHA registered dossier.
2786-76-7 Pigment Red 170			
Rat	LD50-oral	>15000 mg/kg	ECHA registered dossier.
Rat	LD50-dermal	>2000 mg/kg	ECHA registered dossier.

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• Skin corrosion/irritation:

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

• Serious eyes damage/irritation:

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

• Respiratory or skin sensitization:

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:

None of the ingredients ($\geq 0.1\%$) are considered to have endocrine-disrupting properties with respect to humans, as none of them meet the criteria set out in section A of Regulation (EU) No 2017/2100.

• 11.2.2 Other information:

No known other relevant information on adverse health effects.

SECTION12: Ecological information

• 12.1 Toxicity:

Species	Effect dose	Test duration	Value
56-81-5 Glycerin			
Salmo gairdneri	LC50	96h	54000 mg/L
Daphnia magna	LC50	48h	1955 mg/L
Ceriodaphnia dubia	NOEC	7d	800 mg/L
Pseudomonas putida	NOEC	16h	>10000 mg/L
471-34-1 Calcium carbonate			
Aquatic algae	EC50	72h	>14 mg/L
Aquatic algae	NOEC	72h	14 mg/L
2786-76-7 Pigment Red 170			
Oryzias latipes	LC50	96h	>100 mg/L
Daphnia magna	EC50	48h	>100 mg/L

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Daphnia magna	NOEC	48h	100 mg/L
Daphnia magna	LC50	21d	>30 mg/L
Daphnia magna	NOEC	21d	30 mg/L
Raphidocelis subcapitata	EC50	72h	>100 mg/L
Raphidocelis subcapitata	NOEC	72h	3.2 mg/L
3520-72-7 Pigment Orange 13			
Leuciscus idus melanotus	LC50	96h	>500 mg/L
Daphnia magna	NOEC	21d	1 mg/L
Desmodesmus subspicatus	NOEC	72h	1 mg/L
Desmodesmus subspicatus	EC50	72h	>1 mg/L

• 12.2 Persistence and degradability:

CAS	Substance	Biodegradation	Hydrolysis
56-81-5	Glycerin	100%(24h)	-

• 12.3 Bio-accumulative potential:

CAS	Substance	Log Pow	BCF
56-81-5	Glycerin	-1.75	-
2786-76-7	Pigment Red 170	1.28	53
3520-72-7	Pigment Orange 13	-	5.6

• 12.4 Mobility in soil:

CAS	Substance	Surface tension (mN/m)	Log Koc
56-81-5	Glycerin	63.4(1000g/L,20°C)	-
2786-76-7	Pigment Red 170	-	>5

• 12.5 Results of PBT and vPvB assessment:

This mixture does not contain any substances ($\geq 0.1\%$) that are assessed to be a PBT or a vPvB.

• 12.6 Endocrine disrupting properties:

None of the ingredients ($\geq 0.1\%$) are considered to have endocrine-disrupting properties with respect to non-target organisms, as none of them meet the criteria set out in section B of Regulation (EU) No 2017/2100.

• 12.7 Other adverse effects:

No known other adverse effects.

• 12.8 Additional ecological information

General notes:

WGKI (German Regulation)(self-assessment): slightly hazardous to water.

Do not allow large quantities of the product to reach ground water, water course or sewage system.

SECTION13: Disposal consideration

• 13.1 Waste treatment methods

Recommendation:

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Small quantities can be disposed together with household garbage.

Large quantities disposed must be in according to the local/regional/national/international regulation.

• 13.2 Un-cleaned packaging

• Recommendation:

Dispose of contents/container in according to the local/regional/national/international regulation.

SECTION14: Transport information

• 14.1 UN number or ID number

•ADR/ADN/RID(2025 Edition)	Not applicable/Not regulated, this product is not subject to ADR/ADN/RID.
•IMO/IMDG (42-24)	Not applicable/Not regulated, this product is not subject to IMO/IMDG code.
•IATA-DGR (66th)	Not applicable/Not regulated, this product is not subject to IATA-DGR.

• 14.2 UN proper shipping name

•ADR/ADN/RID (2025Edition)	Not applicable/Not regulated
•IMO/IMDG(42-24)	Not applicable/Not regulated
•IATA-DGR (66th)	Not applicable/Not regulated

• 14.3 Transport hazard class (es)

•ADR/ADN/RID (2025 Edition)	Not applicable/Not regulated
•IMO/IMDG(42-24)	Not applicable/Not regulated
•IATA-DGR (66th)	Not applicable/Not regulated

• 14.4 Packing group

•ADR/ADN/RID (2025 Edition)	Not applicable/Not regulated
•IMO/IMDG(42-24)	Not applicable/Not regulated
•IATA-DGR (66th)	Not applicable/Not regulated

• 14.5 Environmental hazards

•Environmentally hazardous (ADR/ADN/RID)	No
•Marine Pollutants	No
•Special mark (ADR/ADN/RID)	No

• 14.6 Special precautions for user

•Danger code (Kemler)	Not applicable/Not regulated
•EMS number	Not applicable/Not regulated

•14.7 Maritime transport in bulk according to IMO instruments

Not applicable/Not regulated

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SECTION15: Regulatory information

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

· **MAK(German Maximum Workplace Concentration):**

1332-37-2	Pigment Red 101	3
1309-37-1	Iron oxide red	3
13463-67-7	Pigment White 6	4
1333-86-4	Pigment Black 7	3
51274-00-1	Pigment Yellow 42	3

· **Directive 2012/18/EU**

· **Named dangerous substances-ANNEX I:**

None of the ingredients are listed.

· **Seveso category:**

Not applicable

· **Qualifying quantity (tonnes) for the application of lower-tier requirements:**

Not applicable

· **Qualifying quantity (tonnes) for the application of upper-tier requirements:**

Not applicable

· **National regulations.**

· **Water hazard class:**

WGKI (German Regulation) (self-assessment): slightly hazardous to water.

· **Other regulations, limitations and prohibitive regulations**

· **SVHC Candidate list of REACH Regulation Annex XIV Authorization:**

None of the ingredients are listed.

· **REACH Regulation Annex XVII Restriction:**

None of the ingredients are listed.

· **REACH Regulation Annex XIV Authorization List:**

None of the ingredients are listed.

· **15.2 Chemical safety assessment:**

A Chemical Safe Assessment has not been carried out.

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SECTION 16: Other information

· 16.1 Indication of changes:

None.

· 16.2 Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

PBT: Persistent, Bio accumulative and Toxic

vPvB: very persistent and very bio accumulative

SVHC: Substance of Very High Concern

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

EC50: Concentration of maximal effect, 50 percent

NOEC: No observed effect concentration

Acute Tox. 4: Acute toxicity, hazard category 4

Eye Dam.1: Eye damage/irritation, hazard category 1

STOT SE 3: Specific target organ toxicity after single exposure, hazard category 3

· 16.3 Key literature references and sources for data:

<https://echa.europa.eu/>

<https://chem.nlm.nih.gov/>

<https://www.osha.gov/>

<http://www.unece.org/>

<http://www.imo.org/>

<https://www.dguv.de/>

<https://epa.govt.nz/>

<http://www.ilo.org/>

<https://www.phmsa.dot.gov/>

· 16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]:

See section 2.1 (classification).

· 16.5 Relevant H- and EUH-phrases (number and full text):

H302 Harmful if swallowed

H318 Causes serious eye damage

H335 May cause respiratory irritation

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· 16.6 Training advice:

Workers must be trained in general and specific aspects of safe work procedures for this chemical. Workers need easy to understand guidelines and instructions for safe working with this chemical. Instructions, guidelines and legally required documents need to be available for workers in easy to understand language.

· 16.7 Further information:

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, its amendment Regulation (EU) No 20201878 and (EC) No 1272/2008.

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The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product, If the product is used as a component in another product, this SDS information may not be applicable.

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End of safety data sheet