Issue Date: 2021-10-19 EFSH21082764-CG-03+Rev 1

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

· **1.1 Product identifier**
· **Trade name:** 10 PREMIUM ACRYLIC PAINTS
· **Registration number:** No available data.
· **UFI number:** No available data.
· **Other means of identification: EAN 0604565115720., Item Number 09299265.**
Brand Name:ZIELER

· **1.2 Relevant identified uses of the substance or mixture and uses advised against on**
· **Application of the substance/ mixture:** Arts and craft.
· **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:**
Tannegate Ltd (Tannegate Supplies)
Unit B2 Ullswater Crescent, Coulsdon, Surrey CR5 2HR UK
Tel: +44 208 655 8070
Contact Person: Kiren Patel or Raj Patel
Email: artsupplies@zieler.co.uk

· **1.4 Emergency telephone number**

Country	Official advisory body	Address	Emergency number	Remark
Austria	Vergiftungsinformationszentra le (Poisons Information Centre)	Stubenring 6 1010 Wien	+43 1 406 43 43	
Belgium	Centre Anti-Poisons/ Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn 1 B -1120 Bruxelles/Brussel	+32 70 245 245	Please dial: 070 245 245 for any urgent questions about intoxication (free of charge 24/7), if not accessible, dial: 02 264 96 30 (standard fee)
Bulgaria	Национален токсикологичен информационен център (National Toxicological Information Centre) Многопрофилна болница за	21 Totleben Boulevard 1606 SOFIA	+359 2 9154 409	

	активно лечение и спешна медицина "Н.И.Пирогов" (National Clinical Toxicology Centre), Emergency Medical Institute "Pirogov"			
Croatia	Centar za kontrolu otrovanja Institut za medicinska istraživanja i medicinu rada	Ksaverska Cesta 2 p.p. 291 10000 Zagreb	+385 1 234 8342	
Cyprus	Κέντρου Δηλητηριάσεων		1401	Operating hours 24 hours / 24 hours, 7 days a week
Czech Republic	ToxikologickéinformačnístřediskoKlinikapracovníholékařstvíVFN a 1. LF UK	Na Bojišti 1 120 00 Praha 2	+420 224 919 293 +420 224 915 402	
Denmark	Giftlinjen Bispebjerg Hospital	Bispebjerg Bakke 23 2400 København NV	+45 82 12 12 12	
Estonia	Mürgistusteabekeskus	Gonsiori 29 15027 Tallinn	16662 +372 626 93 90	
Finland	Myrkytystietokeskus	Stenbäckinkatu 9 PO BOX 100 29 Helsinki	+358 9 471 977 +358 9 4711	
France	Centre Antipoison et de Toxicovigilance de Paris Hôpital Fernand Widal	200 rue du Faubourg Saint-Denis 75475 Paris Cedex 10	+33 1 40 05 48 48	
France	Centre Antipoison et de Toxicovigilance de Marseille Hôpital Sainte Marguerite	270 boulevard de Sainte Marguerite 13274 Marseille Cedex 09	+33 4 91 75 25 25	
Germany	Giftnotruf München Toxikologische Abteilung der II. Med. Klinik und Poliklinik rechts der Isar der Technischen Universität München	Ismaninger Straße 22 81675 München	+49 (0) 89 19240	
Germany	Giftnotruf der Charité CBF, Haus VIII (Wirtschaftgebäude), UG	Hindenburgdamm 30 12203 Berlin	+49 (0) 30 19240	
Greece	Poisons Information Centre Children's Hospital P&A Kyriakou	11762 Athens	+30 2 10 779 3777	
Hungary	Országos Kémiai Biztonsági	Nagyvárad tér 2.	+36 80 20 11 99	

Eurofins Product Testing Service (Shanghai) Co., Ltd
Building 18, No.2168 Chenhang Highway, Minhang District,
Shanghai, China

	Intézet Egészségügyi Toxikológiai Tájékoztató Szolgálat	1437 Budapest, Pf. 839 1097 Budapest		
Iceland	Eitrunarmiðstöð Landspítali	Fossvogi 108 Reykjavik	+354 543 22 22	
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
Italy	Centro Antiveleni Dipartimento di Tossicologia Clinica, Universita Cattolica del Sacro Cuore	Largo Agostino Gemelli 8 168 Roma	+39 06 305 4343	
Latvia	Valsts Toksikoloģijas centrs, Saindēšanās un zāļu informācijas centrs	Hipokrāta 2 1038 Rīga	+371 67 04 24 73	
Lithuania	Apsinuodijimų informacijos biuras	Birutės g. 56 8110 Vilnius	+370 5 236 20 52 +370 687 53378	
Luxembourg	Centre Anti-Poisons/ Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn 1 1120 Bruxelles/Brussel	+352 8002 5500	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD Msida	+356 2545 6504	
Netherlands	Nationaal Vergiftigingen Informatie Centrum Universitair Medisch Centrum Utrecht, Het Nationaal Vergiftigingen Informatie Centrum (NVIC) informeert (dieren-) artsen, apothekers en andere professionele hulpverleners over de mogelijke gezondheidseffecten en behandelingsmogelijkheden bij vergiftigingen. Het NVIC is hiervoor dag en nacht bereikbaar, zowel telefonisch als via internet	Huispostnummer B.00.118 PO Box 85500 3508 GA Utrecht	+31 30 274 88 88	Only for thepurpose of informing medical personnel in cases of acute intoxications
Norway	Giftinformasjonen Helsedirektoratet	P.O. Box 7000 St.	+47 22 591300	

Eurofins Product Testing Service (Shanghai) Co., Ltd
Building 18, No.2168 Chenhang Highway, Minhang District,
Shanghai, China

		Olavs Plass 130 Oslo		
Poland	National Poisons Information Centre The Nofer Institute of Occupational Medicine (Łódź)	ul. Teresy 8 P.O. BOX 199 90950 Łódź	+48 42 63 14 724	
Portugal	Centro de InformaçãoAntivenenosInstituto Nacional de Emergência Médica	Rua Almirante Barroso, 36 1000-013 Lisboa	+351 808 250 143	
Romania	Department of Clinical Toxicology Spitalul de UrgentaFloreasca	Calea Floreasca Bucuresti	+40 21 230 8000	
Serbia	Nacionalni centar za kontrolu trovanja - VMA	Crnotravska 17 11000 Beograd	+381 11 360 84 40 (24h) +381 11 3672 187	
Slovakia	Národné toxikologickéinformačné centrum UniverzitnánemocnicaBratislava, pracoviskoKramáre, Klinikapracovnéholekárstva a toxikológie	Limbová 5 833 05 Bratislava	+421 2 54 77 41 66	
Slovenia	Center za kliničnotoksikologijo in farmakologijoInternaklinika, UKCL	Zaloška cesta 7 1525 Ljubljana	+386 41 650 500	
Spain	Servicio de Información Toxicológica Instituto Nacional de Toxicología y Ciencias Forenses, Departamento de Sevilla	Carretera de San Jerónimo Km 0,4 41080 Sevilla	+34 91 562 04 20	(Toxicological emergencies only). Information in Spanish (24/7)
Spain	Servicio de Información Toxicológica Instituto Nacional de Toxicología y Ciencias Forenses, Departamento de Madrid	C/José Echegaray nº4 28232 Las Rozas de Madrid	+34 91 562 04 20	(Toxicological emergencies only). Information in Spanish (24/7)
Sweden	Giftinformationscentralen	Box 60 500 171 76 Stockholm	112 – begär Giftinformation +46 10 456 6700 (Från utlandet)	
Switzerland	Tox Info Suisse	Freiestrasse 16 8032 Zürich	145	(from abroad: +41 44 251 51 51) non urgent inquiry: +41 44 251 66 66
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0344 892 0111	Only for the purpose of informing medical

Eurofins Product Testing Service (Shanghai) Co., Ltd
Building 18, No.2168 Chenhang Highway, Minhang District,
Shanghai, China

				personnel in cases of acute intoxications

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

· **2.1.1 Classification according to regulation (EC) 1272/2008:** The product is not classified according to CLP Regulation.

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 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:**

EUH211: Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

· **2.3 Other hazards**

None ingredients (≥0.1%) meets the criteria for PBT/vPvB in accordance with Annex XIII.

None ingredients (≥0.1%) identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.

SECTION 3: Composition/information on ingredients

· **3.1 Substance**

Not applicable

· **3.2 Mixtures**

· **Description of the mixture:** 10 PREMIUM ACRYLIC PAINTS.

Substance	CAS No.	Index No.	EC No.	w/w, %	CLP Classification	SCL/M-factor/ATE
Acrylic Acid, Methacrylic Acid Polymer, Sodium Salt	28205-96-1	-	-	40-50	None	-
Water	7732-18-5	-	231-791-2	22-30	None	-
Limestone	1317-65-3	-	215-279-6	10	None	-
Calcined kaolin	66402-68-4	-	266-340-9	8	None	-

Eurofins Product Testing Service (Shanghai) Co., Ltd
Building 18, No.2168 Chenhang Highway, Minhang District,
Shanghai, China

Propylene glycol	57-55-6	-	200-338-0	2	None	-
DMDM Hydantoin	6440-58-0	-	229-222-8	0.15	Acute Tox. 4, H302	ATE(oral)=2000 mg/kg
May contains:						
Pigment Yellow 74	6358-31-2	-	228-768-4	0-8	None	-
Pigment Green 7	1328-53-6	-	215-524-7	0-7	None	-
Pigment Blue 15	147-14-8	-	205-685-1	0-6	None	-
Pigment Red 122	16043-40-6	-	-	0-8	Skin Irrit.2, H315 Eye Irrit.2, H319 STOT SE 3, H335	-
Pigment Violet 23	6358-30-1	-	228-767-9	0-5	None	-
Titanium dioxide	13463-67-7	022-006-00-2	236-675-5	0-10	Carc. 2, H351	-
Pigment Black 6	1333-86-4	-	215-609-9	0-6	None	-

Additional information:
Full text of H- and EUH-phrases: see SECTION 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**
General advice: No special immediate medical required.
After inhalation: Supply with fresh air. Get medical attention if you feel unwell.
After skin contact: No special measures required normally. If there are signs of irritation or other symptoms seek medical attention.
After eye contact: Rinse cautiously with water. If eye irritation occurs: Get medical advice/attention.
After swallowing: Rinse mouth. Call a POISON CENTER/doctor if you feel unwell.

· **4.2 Most important symptoms and effects, both acute and delayed:** No known symptoms or effects.

· **4.3 Indication of any immediate medical attention and special treatment needed:** No special immediate medical attention or special treatment needed.

SECTION 5: Fire-fighting measures

· **5.1 Extinguishing media**
· **Suitable extinguishing agents:** Use CO_2, chemical powder, water spray or alcohol resistant foam to extinguish..
· **Unsuitable extinguishing media:** No known unsuitable extinguishing media.

· **5.2 Special hazards arising from the substance or mixture:** May produce irritant vapor in air under fire.

Eurofins Product Testing Service (Shanghai) Co., Ltd
Building 18, No.2168 Chenhang Highway, Minhang District,
Shanghai, China

· **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: Dusk mask is recommended.

Emergency procedures: Ensure good ventilation; Avoid breathing vapor; Avoid contact with eyes.

· **6.1.2 For emergency responders**

Personal protective equipment: Use suitable protective equipment for personal 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:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust); Dispose contaminated material as waste according to section 13.

· **6.4 Reference to other sections:**

See section 7 for information on safe handing; See section 8 for information on personal protection equipment; See section 13 for disposal in formation.

SECTION 7: Handling and storage

· **7.1 Precautions for safe handling:** Prevent contact with eyes.
· **Information about fire and explosion protection:** Normal measures for preventive fire protection.

· **7.2 Conditions for safe storage, including any non-compatibility**
· **Requirements to be met by storerooms and receptacles:** Store in a cool and well-ventilated place.
· **Information about storage in one common storage facility:** No further requirements.
· **Further information about storage conditions:** No further requirements.
· **Storage class:** 12.

· **7.3 Specific end use(s):** See section 1.2.

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
57-55-6 Propylene glycol		
Ireland	150 ppm; 470 mg/m³	-

Eurofins Product Testing Service (Shanghai) Co., Ltd
Building 18, No.2168 Chenhang Highway, Minhang District,
Shanghai, China

United Kingdom	150 ppm; 474 mg/m³	-
13463-67-7 Titanium dioxide		
Belgium	10 mg/m³	-
Denmark	6 mg/m³toTal dust	10 mg/m³ Total dust
France	11 mg/m³Inhalable aerosol	-
Germany (DFG)	0.3 mg/m³ Respirable fraction;	2.4mg/m³Respirable fraction; 15 minutes average value
Ireland	10 mg/m³Inhalable fraction; 4 mg/m³Respirable fraction	-
Latvia	10 mg/m³	-
Poland	10 mg/m³	30 mg/m³
Romania	10 mg/m³	15 mg/m³15 minutes average value
Spain	10 mg/m³ Inhalable aerosol	-
Sweden	5 mg/m³ Inhalable aerosol	-
United Kingdom	10 mg/m³ Inhalable aerosol; 4 mg/m³ Respirable aerosol	-
1333-86-4 Pigment Black 6		
Belgium	3.5 mg/m³	-
Denmark	3.5 mg/m³	7.0 mg/m³
Finland	3.5 mg/m³	7 mg/m³ 15 minutes average value
France	3.5 mg/m³	-
Ireland	3.5 mg/m³	7 mg/m³15 minutes reference period
Spain	3.5 mg/m³	-
Sweden	3 mg/m³	-
United Kingdom	3.5 mg/m³	7 mg/m³

· **DNELs:**

DNEL type		**DNEL worker value**	**DNEL consumer value**
57-55-6 Propylene glycol			
Systemic effects	Long-term, inhalation exposure	168 mg/m³	50 mg/m³
Local effects	Long-term, inhalation exposure	10 mg/m³	10 mg/m³
6440-58-0 DMDM Hydantoin			
Systemic effects	Long-term, inhalation exposure	70.6 mg/m³	17.4 mg/m³
	Long-term, dermal exposure	20 mg/kg bw/day	10 mg/kg bw/day
	Long-term, oral exposure	-	10 mg/kg bw/day
13463-67-7 Titanium dioxide			
Local effects	Long-term, inhalation exposure	10 mg/m³	-
Systemic effects	Long-term, oral exposure	-	700 mg/kg bw/day

Eurofins Product Testing Service (Shanghai) Co., Ltd
Building 18, No.2168 Chenhang Highway, Minhang District,
Shanghai, China

1333-86-4 Pigment Black 6			
Systemic effects	Long-term, inhalation exposure	1 mg/m³	60 µg/m³

· **PNECs:**

PNEC type	Value
57-55-6 Propylene glycol	
Freshwater	260 mg/L
Intermittent releases (freshwater)	183 mg/L
Marine water	26 mg/L
Sewage treatment plant (STP)	20 g/L
Sediment (freshwater)	572 mg/kg sediment dw
Sediment (marine water)	57.2 mg/kg sediment dw
6440-58-0 DMDM Hydantoin	
Freshwater	510 µg/L
Intermittent releases (freshwater)	110 µg/L
Marine water	51 µg/L
Sewage treatment plant (STP)	10 mg/L
13463-67-7 Titanium dioxide	
Freshwater	184 µg/L
Intermittent releases (freshwater)	193 µg/L
Marine water	18.4 µg/L
Sewage treatment plant (STP)	100 mg/L
Sediment (freshwater)	1000 mg/kg sediment dw
Sediment (marine water)	100 mg/kg sediment dw
1333-86-4 Pigment Black 6	
Freshwater	50 mg/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.**

· **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.

· **Personal protective equipment**

· **Eye and face protection:** No special eye and face protection required.

· **Skin protection**

· **Hand protection:** No special protection of hands required.

· **Other skin protection:** No special protection required.

· **Respiration protection:** Dust mask is recommended.

· **Thermal hazards:** No special requirement.

Eurofins Product Testing Service (Shanghai) Co., Ltd
Building 18, No.2168 Chenhang Highway, Minhang District,
Shanghai, China

· **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**	Liquid
· **Color**	Colorful
· **Odor & Odor threshold**	Odorless
· **Melting point/freezing point (or softening point/range)**	Not determined
· **Boiling point or initial boiling point and boiling range**	100°C(Water)
· **Flammability**	Not flammable liquid
· **Lower and upper explosion limit**	Not determined
· **Flash point**	101°C (Propylene glycol)
· **Auto-ignition temperature**	420°C (Propylene glycol)
· **Decomposition temperature**	Not determined
· **pH**	6-8 at 20°C, 10g/100ml
· **Kinematic viscosity (mm2/s)**	Not determined
· **Solubility**	Soluble in water
· **Partition coefficient n-octanol/water (log value)**	Not determined
· **Vapor pressure**	Not determined
· **Density and/or relative density**	Not determined
· **Relative vapor density**	Not determined
· **Particle characteristics**	Not applicable
· **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 determined
· **Flammable solids**	Not applicable
· **Self-reactive substances and mixtures**	Not applicable
· **Pyrophoric liquids**	Not applicable
· **Pyrophoric solids**	Not applicable
· **Self-heating substances and mixtures**	Not applicable
· **Substances and mixtures, which emit flammable**	Not applicable

Eurofins Product Testing Service (Shanghai) Co., Ltd
Building 18, No.2168 Chenhang Highway, Minhang District,
Shanghai, China

gases in contact with water	
· **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
· **Self-accelerating polymerisation temperature**	Not applicable
· **Formation of explosible dust/air mixtures**	Not applicable
· **Acid/alkaline reserve**	Not determined□
· **Evaporation rate**	Not determined
· **Miscibility**	Not determined
· **Conductivity**	Not determined
· **Corrosiveness**	Not determined
· **Gas group**	Not applicable
· **Redox potential**	Not applicable
· **Radical formation potential**	Not applicable
· **Photocatalytic properties**	Not applicable
· **Other physical and chemical parameters**	Not determined

SECTION 10: Stability and reactivity

· **10.1 Reactivity:** The product is no-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:** High temperature.

· **10.5 Incompatible materials:** Acid and strong oxidizing agents.

· **10.6 Hazardous decomposition products:** Does not decompose when used for intended uses.

SECTION 11: Toxicological information

· **11.1 Information on toxicological effects**

· **Acute toxicity:** Based on available data, the classification criteria are not met.

LD50/LC50 values relevant for classification:		
57-55-6 Propylene glycol		
Guinea pig	LD50-oral	18350mg/kg
Rabbit	LD50-skin	20800mg/kg

Eurofins Product Testing Service (Shanghai) Co., Ltd
Building 18, No.2168 Chenhang Highway, Minhang District,
Shanghai, China

	LD50-oral	18500mg/kg
Rat	LD50-oral	20000mg/kg
Mouse	LD50-oral	22000mg/kg
6440-58-0 DMDM Hydantoin		
Rat	LD50-oral	2000mg/kg
13463-67-7 Titanium dioxide		
Rat	LD50-oral LC50-inhalation	>20000mg/kg >6.82mg/L
Rabbit	LD50-skin	>10000mg/kg
1333-86-4 Pigment Black 6		
Rabbit	LD50-skin	>3000mg/kg
Rat	LD50-oral	>15400mg/kg
Remark: All the above data are from literature.		

· **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.

· **Summary of evaluation of the CMR properties:** Not classified as CMR product.

· **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 ingredient (≥0.1%) is considered to have endocrine-disrupting properties with respect to humans as it meets 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.

SECTION 12: Ecological information

· **12.1 Toxicity**

LC50/EC50/NOEC values relevant for classification:	
6440-58-0 DMDM Hydantoin	
Short–term toxicity to fish	EC50 (4 days) 82.3 mg/L NOEC (4 days) 82.3 mg/L

Eurofins Product Testing Service (Shanghai) Co., Ltd
Building 18, No.2168 Chenhang Highway, Minhang District,
Shanghai, China

Long–term toxicity to fish	NOEC (28 days) 14 mg/L
Short–term toxicity to aquatic invertebrates	EC50 (48 h) 29.1 mg/L NOEC (48 h) 12.7 mg/L
Long–term toxicity to aquatic invertebrates	NOEC (21 days) 70.9 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (4 days) 1 g/L NOEC (72 h) 5.1 mg/L

· **12.2 Persistence and degradability**

6440-58-0	DMDM Hydantoin	Readily biodegradable in water

· **12.3 Bio-accumulative potential**

6440-58-0	DMDM Hydantoin	Log Pow =-2.9 at 20 °C

· **12.4 Mobility in soil:** No available data.

6440-58-0	DMDM Hydantoin	Log Koc=1.25

· **12.5 Results of PBT and vPvB assessment**

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

· **12.6 Endocrine disrupting properties:**

None ingredient (≥0.1%) does not have endocrine disrupting properties with respect to non-target organisms as it does not 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:** WGK1 (German Regulation) (self-assessment): Low hazard to waters.

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

SECTION 13:Disposal consideration

· **13.1 Waste treatment methods**

· **Recommendation:** Small quantities can be disposed together with household garbage; Large quantities disposed must be in according to the local regulation.

· **13.2 Un-cleaned packaging**

· **Recommendation:** Dispose of contents/container in according to the local/regional/national/ international regulation.

SECTION 14: Transport information

· **14.1 UN-Number** **ADR, RID, ADN, IMDG, IATA**	Not regulated as dangerous transport goods, not applicable
· **14.2 UN proper shipping name** **ADR, RID, ADN, IMDG, IATA**	Void
· **14.3 Transport hazard class (es)** **ADR, RID, ADN, IMDG, IATA**	

Eurofins Product Testing Service (Shanghai) Co., Ltd
Building 18, No.2168 Chenhang Highway, Minhang District,
Shanghai, China

Class	Void
Label	Void
· **14.4 Packing group**	
ADR, RID, ADN, IMDG, IATA	Void
· **14.5 Marine pollution**	No
· **14.6 Special precautions for user**	Void
· **Danger code (Kemler)**	Void
· **EMS number**	Void
· **14.7 Transport in bulkaccording to Annex II of MARPOL 73/78 and the IBC Code**	Void

SECTION 15: Regulatory information

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

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

13463-67-7	Titanium dioxide	4
1333-86-4	Pigment Black 6	3

· **Directive 2012/18/EU**

· **Named dangerous substances-ANNEX I:** None of the ingredients is 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:** WGK1 (German Regulation) (self-assessment): Low hazard to waters.

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

· **SVHC Candidate list of REACH Regulation Annex XIV Authorization:** None of the ingredients is listed.

· **REACH Regulation Annex XVII Restriction:** None of the ingredients is listed.

· **REACH Regulation Annex XIV Authorization List:** None of the ingredients is listed.

· **15.2 Chemical safety assessment:** A Chemical Safe Assessment has not been carried out.

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)

Eurofins Product Testing Service (Shanghai) Co., Ltd
Building 18, No.2168 Chenhang Highway, Minhang District,
Shanghai, China

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
Skin Irrit.2: Skin corrosion/irritation, hazard category 2
Eye Irrit. 2: Eye damage/irritation, hazard category 2
STOT SE 3: Specific target organ toxicity after single exposure, hazard category 3
Carc. 2: Carcinogenicity, hazard category 2

· **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) 1207/2008 [CLP]:**
See section 2.1 (classification).

· **16.5 Relevant H- and EUH-phrases (number and full text):**
H302 Harmful if swallowed
H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H351 Suspected of causing cancer

· **16.6 Training advice:**
Workers must be educated and trained so they can read SDS and understand the hazards, and know how to work safely with hazardous products.

· **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 2020/878 and (EC) No 1272/2008.
DISCLAIMER OF LIABILITY:
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

Eurofins Product Testing Service (Shanghai) Co., Ltd
Building 18, No.2168 Chenhang Highway, Minhang District,
Shanghai, China

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.

16.8 Note

This report cancels and supersedes report number EFSH21082764-CG-03 issued on Oct, 13th, 2021. Modification description: update the result in the revised report.

****

End of safety data sheet

Eurofins Product Testing Service (Shanghai) Co., Ltd
Building 18, No.2168 Chenhang Highway, Minhang District,
Shanghai, China