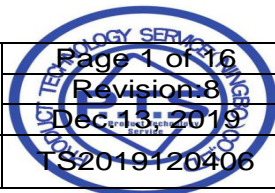


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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name: Watercolour pens

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

Use of the substance/mixture: No information available.

1.3 Details of the supplier of the safety data sheet

Company name: Wenzhou Hongfeng Stationery Gift Co., Ltd.

Contact person: Mr Zhang

Address: No. 25, Yucang East Road, Longwan District, Wenzhou City, Zhejiang Province

Telephone number: +86-18857722829

E-mail address: 1213147491@qq.com

1.4 Emergency telephone number:

+86-18857722829

Other information: /

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance/mixture according to Regulation (EC) No 1272/2008(CLP)

Physical hazards

No information available.

Health hazards

No information available.

Environmental hazards

No information available.

2.2 Label Elements

Hazard pictogram(s): None.

Signal Word: None.

Hazard Statements

No information available.

Precautionary statements

No information available.

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**2.3 Other hazards**

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

1) Light Green 7

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Water	88.839	7732-18-5	231-791-2	N/A	No data available
Glycerol	10.0009	56-81-5	200-289-5	N/A	No data available
FD^C yellow 5 lake	0.6	12225-21-7	235-428-9	N/A	No data available
C.I. Acid Blue 9	0.2	3844-45-9	223-339-8	N/A	No data available
Triton X-100	0.2	9002-93-1	618-344-0	N/A	No data available
C.I. Acid Red 73	0.16	5413-75-2	226-502-1	N/A	No data available
Kathon 886	0.0001	55965-84-9	611-341-5	613-167-00-5	Acute Tox. 3,H301 Acute Tox. 2,H310 Skin Corr. 1C,H314 Eye Dam. 1,H318 Skin Sens. 1A,H317 Acute Tox. 2,H330 Aquatic Acute 1,H400 Aquatic Chronic 1,H410

2) Green 4

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Water	87.559	7732-18-5	231-791-2	N/A	No data available
Glycerol	10.0009	56-81-5	200-289-5	N/A	No data available
FD^C yellow 5 lake	1.6	12225-21-7	235-428-9	N/A	No data available
C.I. Acid Blue 9	0.64	3844-45-9	223-339-8	N/A	No data available
Triton X-100	0.2	9002-93-1	618-344-0	N/A	No data available

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Kathon 886	0.0001	55965-84-9	611-341-5	613-167-00-5	Acute Tox. 3,H301 Acute Tox. 2,H310 Skin Corr. 1C,H314 Eye Dam. 1,H318 Skin Sens. 1A,H317 Acute Tox. 2,H330 Aquatic Acute 1,H400 Aquatic Chronic 1,H410
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3) Sorrel 5

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Water	86.667	7732-18-5	231-791-2	N/A	No data available
Glycerol	10.0009	56-81-5	200-289-5	N/A	No data available
Food Red 7E124	1.892	2611-82-7	220-036-2	N/A	No data available
C.I. Acid Blue 9	0.8	3844-45-9	223-339-8	N/A	No data available
FD^C yellow 5 lake	0.44	12225-21-7	235-428-9	N/A	No data available
Triton X-100	0.2	9002-93-1	618-344-0	N/A	No data available
Kathon 886	0.0001	55965-84-9	611-341-5	613-167-00-5	Acute Tox. 3,H301 Acute Tox. 2,H310 Skin Corr. 1C,H314 Eye Dam. 1,H318 Skin Sens. 1A,H317 Acute Tox. 2,H330 Aquatic Acute 1,H400 Aquatic Chronic 1,H410

4) Purple 4

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Water	86.739	7732-18-5	231-791-2	N/A	No data available
Glycerol	10.0009	56-81-5	200-289-5	N/A	No data available
C.I. Acid Blue 9	1.66	3844-45-9	223-339-8	N/A	No data available
C.I. Acid Red 73	1.4	5413-75-2	226-502-1	N/A	No data available
Triton X-100	0.2	9002-93-1	618-344-0	N/A	No data available

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Kathon 886	0.0001	55965-84-9	611-341-5	613-167-00-5	Acute Tox. 3,H301 Acute Tox. 2,H310 Skin Corr. 1C,H314 Eye Dam. 1,H318 Skin Sens. 1A,H317 Acute Tox. 2,H330 Aquatic Acute 1,H400 Aquatic Chronic 1,H410
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5) Dark Blue

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Water	87.119	7732-18-5	231-791-2	N/A	No data available
Glycerol	10.0009	56-81-5	200-289-5	N/A	No data available
C.I. Acid Blue 9	1.4	3844-45-9	223-339-8	N/A	No data available
C.I. Acid Red 73	1	5413-75-2	226-502-1	N/A	No data available
FD^C yellow 5 lake	0.28	12225-21-7	235-428-9	N/A	No data available
Triton X-100	0.2	9002-93-1	618-344-0	N/A	No data available
Kathon 886	0.0001	55965-84-9	611-341-5	613-167-00-5	Acute Tox. 3,H301 Acute Tox. 2,H310 Skin Corr. 1C,H314 Eye Dam. 1,H318 Skin Sens. 1A,H317 Acute Tox. 2,H330 Aquatic Acute 1,H400 Aquatic Chronic 1,H410

6) Pink 1

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Water	88.559	7732-18-5	231-791-2	N/A	No data available
Glycerol	10.0009	56-81-5	200-289-5	N/A	No data available
Food Red 7E124	1.2	2611-82-7	220-036-2	N/A	No data available
Triton X-100	0.2	9002-93-1	618-344-0	N/A	No data available
FD^C yellow 5 lake	0.04	12225-21-7	235-428-9	N/A	No data available

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Kathon 886	0.0001	55965-84-9	611-341-5	613-167-00-5	Acute Tox. 3,H301 Acute Tox. 2,H310 Skin Corr. 1C,H314 Eye Dam. 1,H318 Skin Sens. 1A,H317 Acute Tox. 2,H330 Aquatic Acute 1,H400 Aquatic Chronic 1,H410
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7) Orange 1

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Water	88.399	7732-18-5	231-791-2	N/A	No data available
Glycerol	10.0009	56-81-5	200-289-5	N/A	No data available
FD^C yellow 5 lake	1	12225-21-7	235-428-9	N/A	No data available
Food Red 7E124	0.4	2611-82-7	220-036-2	N/A	No data available
Triton X-100	0.2	9002-93-1	618-344-0	N/A	No data available
Kathon 886	0.0001	55965-84-9	611-341-5	613-167-00-5	Acute Tox. 3,H301 Acute Tox. 2,H310 Skin Corr. 1C,H314 Eye Dam. 1,H318 Skin Sens. 1A,H317 Acute Tox. 2,H330 Aquatic Acute 1,H400 Aquatic Chronic 1,H410

8) Yellow 1

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Water	87.999	7732-18-5	231-791-2	N/A	No data available
Glycerol	10.0009	56-81-5	200-289-5	N/A	No data available
FD^C yellow 5 lake	1.6	12225-21-7	235-428-9	N/A	No data available
Food Red 7E124	0.2	2611-82-7	220-036-2	N/A	No data available
Triton X-100	0.2	9002-93-1	618-344-0	N/A	No data available

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Kathon 886	0.0001	55965-84-9	611-341-5	613-167-00-5	Acute Tox. 3,H301 Acute Tox. 2,H310 Skin Corr. 1C,H314 Eye Dam. 1,H318 Skin Sens. 1A,H317 Acute Tox. 2,H330 Aquatic Acute 1,H400 Aquatic Chronic 1,H410
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9) Red 1

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Water	87.279	7732-18-5	231-791-2	N/A	No data available
Glycerol	10.0009	56-81-5	200-289-5	N/A	No data available
Food Red 7E124	2.4	2611-82-7	220-036-2	N/A	No data available
Triton X-100	0.2	9002-93-1	618-344-0	N/A	No data available
FD^C yellow 5 lake	0.12	12225-21-7	235-428-9	N/A	No data available
Kathon 886	0.0001	55965-84-9	611-341-5	613-167-00-5	Acute Tox. 3,H301 Acute Tox. 2,H310 Skin Corr. 1C,H314 Eye Dam. 1,H318 Skin Sens. 1A,H317 Acute Tox. 2,H330 Aquatic Acute 1,H400 Aquatic Chronic 1,H410

10) Plum Color 3

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Water	89.479	7732-18-5	231-791-2	N/A	No data available
Glycerol	10.0009	56-81-5	200-289-5	N/A	No data available
C.I. Acid Red 73	0.32	5413-75-2	226-502-1	N/A	No data available
Triton X-100	0.2	9002-93-1	618-344-0	N/A	No data available

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Kathon 886	0.0001	55965-84-9	611-341-5	613-167-00-5	Acute Tox. 3,H301 Acute Tox. 2,H310 Skin Corr. 1C,H314 Eye Dam. 1,H318 Skin Sens. 1A,H317 Acute Tox. 2,H330 Aquatic Acute 1,H400 Aquatic Chronic 1,H410
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11) Blue 4

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Water	88.959	7732-18-5	231-791-2	N/A	No data available
Glycerol	10.0009	56-81-5	200-289-5	N/A	No data available
C.I. Acid Blue 9	0.8	3844-45-9	223-339-8	N/A	No data available
Triton X-100	0.2	9002-93-1	618-344-0	N/A	No data available
FD^C yellow 5 lake	0.04	12225-21-7	235-428-9	N/A	No data available
Kathon 886	0.0001	55965-84-9	611-341-5	613-167-00-5	Acute Tox. 3,H301 Acute Tox. 2,H310 Skin Corr. 1C,H314 Eye Dam. 1,H318 Skin Sens. 1A,H317 Acute Tox. 2,H330 Aquatic Acute 1,H400 Aquatic Chronic 1,H410

12) Black

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Water	78.299	7732-18-5	231-791-2	N/A	No data available
Glycerol	10.0009	56-81-5	200-289-5	N/A	No data available
FD^C yellow 5 lake	6	12225-21-7	235-428-9	N/A	No data available
Food Red 7E124	4	2611-82-7	220-036-2	N/A	No data available
C.I. Acid Blue 9	1.5	3844-45-9	223-339-8	N/A	No data available
Triton X-100	0.2	9002-93-1	618-344-0	N/A	No data available

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Kathon 886	0.0001	55965-84-9	611-341-5	613-167-00-5	Acute Tox. 3,H301 Acute Tox. 2,H310 Skin Corr. 1C,H314 Eye Dam. 1,H318 Skin Sens. 1A,H317 Acute Tox. 2,H330 Aquatic Acute 1,H400 Aquatic Chronic 1,H410
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Full text of H-/EUH- Statements: see section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

- Eye Contact** Immediately rinse open eyes with running water for at least 15 minutes. Seek medical advice if irritation develops or persists.
- Skin Contact** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention immediately if symptoms occur.
- Ingestion** Do not induce vomiting without medical advice. Clean mouth with water. Never administer anything by mouth to an unconscious person. Obtain medical aid immediately.
- Inhalation** Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical aid immediately if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Water spray. Carbon dioxide (CO₂). Dry chemical. Chemical foam.

Unsuitable extinguishing media:

No information available.

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

Thermal decomposition can lead to release of irritating gases and vapors.

5.3 Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures****6.1.1 For non-emergency personnel**

Ensure adequate ventilation, Avoid dust formation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment. Avoid breathing vapors, mist, gas or dust.

6.1.2 For emergency responders

Use suitable protective equipment for personal protection.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains, surface and ground water.

6.3 Methods and material for containment and cleaning up

Sweep up, vacuum and collect in suitable, closed containers for recovery or disposal.

6.4 Reference to other sections

If appropriate Sections 8 and 13 shall be referred to.

7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Ensure adequate ventilation. Wear personal protective equipment. Avoid direct physical contact. Do not breathe dust. Do not breathe vapors or spray mist. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke while handling. Keep far away from flammable materials and heat source. Remove and wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday.

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7.2 Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well-ventilated location in a tightly sealed container or cylinder. To maintain product quality, do not store in heat or direct sunlight. Keep away from incompatible materials, heat and sources of ignition. Secure and label area. Protect containers/cylinders from physical damage. The storage area should be equipped with a leak emergency treatment equipment and suitable shelter materials.

7.3 Specific end use(s)

No information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Exposure limit values

Component	Ireland	France	Germany
Glycerol(56-81-5)	TWA: 10 mg/m ³ (8 hours)	TWA: 10 mg/m ³ (8 hours)	TWA: 200 mg/m ³ (8 hours) (Inhalable fraction) STEL: 400 mg/m ³ (15 minutes) (Inhalable fraction)
Component	Austria	Switzerland	Germany
Kathon 886 (55965-84-9)	TWA: 0.05 mg/m ³ (8 hours)	TWA: 0.2 mg/m ³ (8 hours) (Inhalable fraction) STEL: 0.4 mg/m ³ (15 minutes) (Inhalable fraction)	TWA: 0.2 mg/m ³ (8 hours) (Inhalable fraction) STEL: 0.4 mg/m ³ (15 minutes) (Inhalable fraction)

Biological limit values

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Monitoring procedure

BS EN 14042:2003 Title Identifier: Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.

Derived No Effect Level (DNEL)

No information available.

Predicted No Effect Concentration (PNEC)

No information available.

8.2 Exposure controls

8.2.1 Appropriate engineering Measures

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

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8.2.2 Individual protection measures

Eye and face protection	Safety glasses with side-shields
Skin protection	Wear appropriate protective gloves and clothing to prevent skin exposure.
Respiratory protection	Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
Thermal hazards	Thermal decomposition can lead to release of irritating gases and vapors.

8.2.3 Environmental exposure controls

No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	:	Light Green/Green/Sorrel/Purple/Dark Blue/Pink/Orange/Yellow /Red/Plum Color/Blue/Black liquid.
Odour	:	No data available.
Odour Threshold	:	No data available.
pH	:	No data available.
Melting point/freezing point	:	No data available.
Initial boiling point and boiling range	:	No data available.
Flash point	:	No data available.
Evaporation rate	:	No data available.
Upper/lower flammability/explosive limits	:	No data available.
Vapour pressure/ density	:	No data available.
Relative density	:	No data available.
Solubility(ies)	:	No data available.
Partition coefficient: n-octanol / water	:	No data available.
Auto-ignition temperature	:	No data available.
Decomposition temperature	:	No data available.
Viscosity	:	No data available.
Explosive properties	:	No information available.
Oxidising properties	:	No information available.

9.2 Other information

No data available.

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10. STABILITY AND REACTIVITY

10.1 Reactivity

Hazardous polymerization does not occur.

10.2 Chemical stability

Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to avoid

Incompatible products, Excess heat.

10.5 Incompatible materials

Strong oxidizing agents. Strong acids.

10.6 Hazardous decomposition products

Carbon monoxide (CO). Carbon dioxide (CO₂). Nitrogen oxides (NO_x). Sulfur oxides. Aldehydes. Ketones.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

(a) acute Toxicity

Toxicology data for the components

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Glycerol(56-81-5)	12600 mg/kg (Rat)	> 10 g/kg (Rabbit)	> 2.75 mg/L/4h (Rat)(mist)
C.I. Acid Blue 9(3844-45-9)	> 2 g/kg (Rat)	No data available	No data available
Triton X-100(9002-93-1)	1800 mg/kg (Rat)	No data available	No data available

(b) skin corrosion/irritation No information available.

(c) serious eye damage/irritation No information available.

(d) respiratory or skin sensitisation

Respiratory No information available.

Skin No information available.

(e) germ cell mutagenicity No information available.

(f) carcinogenicity No information available.

(g) reproductive toxicity No information available.

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(h) STOT-single exposure	No information available.
(i) STOT-repeated exposure	No information available.
Target Organs	No information available.
(j) aspiration hazard	No information available.
Other Adverse Effects	The toxicological properties have not been fully investigated.
Endocrine Disruptor Information	None known.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Ecotoxicity effects Do not empty into drains. The product contains following substance(s) which are hazardous for the environment.

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Glycerol(56-81-5)	No data available	LC50: 51 - 57 mL/L, 96h static (Oncorhynchus mykiss)	No data available	EC50: > 500 mg/L, 24h (Daphnia magna)
Triton X-100(9002-93-1)	No data available	LC50: 8.9 mg/L, 96h LC50: 4.0 mg/L, 96h (Pimephales promelus)	No data available	EC50: 26 mg/L, 48h

12.2 Persistence and degradability No information available.

12.3 Bioaccumulative potential

Component	log Pow	Bioconcentration factor (BCF)
Glycerol(56-81-5)	-1.76	No data available
Triton X-100(9002-93-1)	2.7	No data available

12.4 Mobility in soil No information available.

12.5 Results of PBT and vPvB assessment No data available for assessment.

12.6 Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste from Residues / Unused Products Dispose of in accordance with the European Directives on waste and hazardous waste. Dispose of in accordance with local regulations. Do not dispose of waste into sewer.

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Contaminated Packaging Empty remaining contents. Dispose of in accordance with local regulations. Do not re-use empty containers.

14. TRANSPORT INFORMATION

IMDG/IMO Not regulated.

14.1 UN number

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

ADR/RID Not regulated.

14.1 UN number

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

ICAO/IATA Not regulated.

14.1 UN number

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

14.5 Environmental hazards No hazards identified.

14.6 Special precautions for user No special precautions required.

14.7 Transport in bulk according to Annex II of Marpol73/78 and the IBC Code Not applicable, packaged goods.

15. REGULATORY INFORMATION

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

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International Inventories X = listed

Component	EINECS	NZIoC	TSCA	DSL	NDSL	PICCS	IECSC	AICS	KECI
Water	231-791-2	X	X	X	-	X	X	X	X
Glycerol	200-289-5	X	X	X	-	X	X	X	X
FD^C yellow 5 lake	235-428-9	X	X	X	-	X	X	X	X
C.I. Acid Blue 9	223-339-8	X	X	X	-	X	X	X	X
Triton X-100	618-344-0	X	X	X	-	X	X	X	X
C.I. Acid Red 73	226-502-1	X	X	X	-	X	X	X	X
Kathon 886	611-341-5	X	-	X	-	X	X	-	X
Food Red 7E124	220-036-2	X	X	X	-	X	X	X	X

Component	REACH (1907/2006) - Annex XIV - Substances Subject to Authorization	REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances	REACH Regulation (EC 1907/2006) article 59 - Candidate List of Substances of Very High Concern (SVHC)
Triton X-100(9002-93-1)	Endocrine disrupting properties (Article 57(f) - environment) Application date: July 4, 2019 Sunset date: January 4, 2021 Exemption - None	-	SVHC Candidate list - Equivalent level of concern having probable serious effects to the environment (Article 57 f)

National Regulation

German Water Hazard Class (WGK) (Self-assessment) =1: low hazard to waters.

Component	Germany - Water Classification(VwVwS)	Germany - TA-Luft Class
Glycerol(56-81-5)	WGK 1	-
Triton X-100(9002-93-1)	WGK 2	-

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**Legend**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 EINECS - European Inventory of Existing Commercial Chemical Substances
 NZIoC - New Zealand Inventory of Chemicals
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
 PICCS - Philippines Inventory of Chemicals and Chemical Substances
 IECSC - China Inventory of Existing Chemical Substances
 AICS - Australian Inventory of Chemical Substances
 KECI - Korea Existing Chemicals Inventory

15.2. Chemical safety assessment

No information available.

16. OTHER INFORMATION**Full Text of H-/EUH-Statements Referred to Under Section 3**

H301 - Toxic if swallowed.

H310 - Fatal in contact with skin.

H314 - Causes severe skin burns and eye damage.

H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage.

H330 - Fatal if inhaled.

H400 - Very toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

This SDS complies with the requirements of Regulation (EC) No. 1907/2006 (REACH) Annex II, Regulation (EU) No. 2015/830, Regulation (EC) No. 1272/2008 and amending Regulation (EU) 2018/1480.

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