

Safety Data Sheet

StazOn

according to UK REACH Regulation

Date: 01.06.2022

Revision date:

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

1.1. Product identifier

StazOn

Further trade names / Item numbers

Teal Blue (63)

UFI (EU): U500-C029-G006-DV81

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

Use of the substance/mixture

Stamp-pad ink

Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

Company name: TSUKINEKO Co., Ltd
Street: 5F Suehiro JF Bldg., 5-1-5, Sotokanda Chiyoda-ku
Place: Tokyo 101-0021, JAPAN
Telephone: +81-3-3834-1080
e-mail: info@tsukineko.co.jp
Internet: www.tsukineko.co.jp
Responsible Department: Product safety Mo-Fr (8:30-17:00 h)

1.4. Emergency telephone number: +81-3-3834-1080

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

2-phenoxyethanol

Signal word: Danger**Pictograms:**

Hazard statements

H318 Causes serious eye damage.

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Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P280	Wear protective gloves/eye protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P501	Dispose of contents/container to hazardous or special waste collection point.

Special labelling of certain mixtures

EUH208 Contains Rosin, fumarated. May produce an allergic reaction.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Solvents, Binder (polymers), Dyes, Additive

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
100-51-6	Benzyl alcohol			10-18%
	202-859-9		01-2119492630-38	
	Acute Tox. 4, Acute Tox. 4; H332 H302			
122-99-6	2-phenoxyethanol			10-15%
	204-589-7		01-2119488943-21	
	Acute Tox. 4, Eye Dam. 1, STOT SE 3; H302 H318 H335			
1241-94-7	2-ethylhexyl diphenyl phosphate			0.5-1%
	214-987-2		01-2119489394-25	
	Aquatic Acute 1, Aquatic Chronic 2; H400 H411			
65997-04-8	Rosin, fumarated			0.1 - < 1%
	266-040-8		01-2119494918-16	
	Eye Dam. 1, Skin Sens. 1; H318 H317			

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

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	

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100-51-6	202-859-9	Benzyl alcohol	10-18%
	inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 ≥ 2000 mg/kg; oral: LD50 = 1620 mg/kg		
122-99-6	204-589-7	2-phenoxyethanol	10-15%
	dermal: LD50 ≥ 2214 mg/kg; oral: LD50 = 1840 mg/kg		
1241-94-7	214-987-2	2-ethylhexyl diphenyl phosphate	0.5-1%
	dermal: LD50 ≥ 7900 mg/kg; oral: LD50 ≥ 15800 mg/kg		
65997-04-8	266-040-8	Rosin, fumarated	0.1 - < 1%
	dermal: LD50 ≥ 2000 mg/kg; oral: LD50 = 2000 mg/kg		

Further Information

No information available.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice.

After inhalation

Provide fresh air.

After contact with skin

Wash with plenty of water/soap.

After contact with eyes

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

In case of eye irritation consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water.

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

May produce an allergic reaction.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray jet, Carbon dioxide, Foam, Extinguishing powder, Dry sand

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Non-flammable. Vapours can form explosive mixtures with air.

5.3. Advice for firefighters

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Wear self-contained breathing apparatus.

Co-ordinate fire-fighting measures to the fire surroundings.

Additional information

Use water spray jet to protect personnel and to cool endangered containers.

Suppress gases/vapours/mists with water spray jet.

Do not allow to enter into surface water or drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Provide adequate ventilation.

Do not breathe gas/fumes/vapour/spray.

Avoid contact with the eyes.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Treat the recovered material as prescribed in the section on waste disposal.

Provide adequate ventilation.

For cleaning up

To clean the floor and all objects contaminated by this material, use plenty of water.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

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.

Avoid contact with eyes and skin.

Provide adequate ventilation.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

Wash hands and face before breaks and after work and take a shower if necessary.

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When using do not eat or drink.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Store in a cool dry place.

Hints on joint storage

No special measures are necessary.

7.3. Specific end use(s)

Stamp-pad ink

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL values

CAS No	Substance			
DNEL type	Exposure route	Effect	Value	
100-51-6	Benzyl alcohol			
Worker DNEL, long-term	inhalation	systemic	22 mg/m ³	
Worker DNEL, acute	inhalation	systemic	110 mg/m ³	
Worker DNEL, long-term	dermal	systemic	8 mg/kg bw/day	
Worker DNEL, acute	dermal	systemic	40 mg/kg bw/day	
Consumer DNEL, long-term	inhalation	systemic	5.4 mg/m ³	
Consumer DNEL, acute	inhalation	systemic	27 mg/m ³	
Consumer DNEL, long-term	dermal	systemic	4 mg/kg bw/day	
Consumer DNEL, acute	dermal	systemic	20 mg/kg bw/day	
Consumer DNEL, long-term	oral	systemic	4 mg/kg bw/day	
Consumer DNEL, acute	oral	systemic	20 mg/kg bw/day	
122-99-6	2-phenoxyethanol			
Worker DNEL, long-term	inhalation	systemic	5.7 mg/m ³	
Worker DNEL, long-term	inhalation	local	5.7 mg/m ³	
Worker DNEL, long-term	dermal	systemic	20.83 mg/kg bw/day	
Consumer DNEL, long-term	inhalation	systemic	2.41 mg/m ³	
Consumer DNEL, long-term	inhalation	local	2.41 mg/m ³	
Consumer DNEL, long-term	dermal	systemic	10.42 mg/kg bw/day	
Consumer DNEL, long-term	oral	systemic	9.23 mg/kg bw/day	
Consumer DNEL, acute	oral	systemic	9.23 mg/kg bw/day	
1241-94-7	2-ethylhexyl diphenyl phosphate			

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Worker DNEL, long-term	inhalation	systemic	0.26 mg/m ³
Worker DNEL, long-term	dermal	systemic	0.073 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	0.19 mg/m ³
Consumer DNEL, long-term	dermal	systemic	0.037 mg/kg bw/day
Consumer DNEL, long-term	Oral	systemic	0.037 mg/kg bw/day
65997-04-8	Rosin, fumarated		
Worker DNEL, long-term	inhalation	systemic	19 mg/m ³
Worker DNEL, long-term	inhalation	local	10 mg/m ³
Worker DNEL, long-term	dermal	systemic	0.995 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	6 mg/m ³
Consumer DNEL, long-term	dermal	systemic	0.498 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	0.498 mg/kg bw/day

PNEC values

CAS No	Substance	
Environmental compartment		Value
100-51-6	Benzyl alcohol	
Freshwater		1-1.02 mg/l
Freshwater (intermittent releases)		2.3 mg/l
Marine water		0.1-0.102 mg/l
Freshwater sediment		5.27 mg/kg
Marine sediment		0.527 mg/kg
Micro-organisms in sewage treatment plants (STP)		39 mg/l
Soil		0.456 mg/kg
122-99-6	2-phenoxyethanol	
Freshwater		0.943mg/l
Freshwater (intermittent releases)		3.44 mg/l
Marine water		0.094 mg/l
Freshwater sediment		7.237 mg/kg
Marine sedimen		0.724 mg/kg
Micro-organisms in sewage treatment plants (STP)		36 mg/l
Soil		1.31 mg/kg
1241-94-7	2-ethylhexyl diphenyl phosphate	
Secondary poisoning		1.62 mg/kg
65997-04-8	Rosin, fumarated	
Freshwater		4.8-100 µg/l

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Freshwater (intermittent releases)	48-1000 µg/l
Marine water	0.48-10 µg/l
Freshwater sediment	19-2317750 µg/kg
Marine sedimen	2-231775 µg/kg
Micro-organisms in sewage treatment plants (STP)	1.25-1.29 mg/l
Soil	1-462000 µg/kg

8.2. Exposure controls



Appropriate engineering controls

Does not contain substances above concentration limits fixing an occupational exposure limit.

Individual protection measures, such as personal protective equipment

Eye/face protection

Tightly sealed safety glasses.

Hand protection

Wear suitable gloves. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	blue
Odour:	characteristic

Changes in the physical state

Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	>100 °C
Flash point:	>60 °C

Flammability

Solid/liquid:	not applicable
Gas:	not applicable

Explosive properties

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The product is not explosive.

Lower explosion limits:	not determined
Upper explosion limits:	not determined
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH-Value:	not applicable
Water solubility(at 20 °C):	miscible

Solubility in other solvents

not determined

Partition coefficient n-octanol/water:	not determined
Vapour pressure:	not determined
Density (at 20 °C):	~ 1 g/cm ³
Relative vapour density:	not determined

9.2. Other information

Information with regard to physical hazard classes

Oxidizing properties

The product is not oxidising.

Other safety characteristics

Solid content: not determined

Evaporation rate: not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Nitrogen oxides (NO_x), Carbon monoxide, Carbon dioxide

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
100-51-6	Benzyl alcohol				
	oral	LD50 1620mg/kg	Rat	IUCLID	
	dermal	LD50 >2000mg/kg	Rabbit	IUCLID	EPA OTS 798.1100
	inhalation vapour	ATE 11 mg/l			
	inhalation dust/mist	ATE 1.5 mg/l			
122-99-6	2-phenoxyethanol				
	oral	LD50 1840mg/kg	Rat	IUCLID	OECD 401
	dermal	LD50 >2214mg/kg	Rabbit	IUCLID	
1241-94-7	2-ethylhexyl diphenyl phosphate				
	oral	LD50 >15800mg/kg	Rat	IUCLID	
	dermal	LD50 >7900mg/kg	Rabbit	literature value	
65997-04-8	Rosin, fumarated				
	oral	LD50 2000mg/kg	Rat	IUCLID	OECD 423
	dermal	LD50> 2000 mg/kg	Rabbit	literature value	

Irritation and corrosivity

Causes serious eye damage

Sensitising effects

May cause an allergic skin reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

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

Endocrine disrupting propertie

No information available.

Further information

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12: Ecological information

12.1. Toxicity

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The product is not ecotoxic.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
100-51-6	Benzyl alcohol					
	Acute fish toxicity	LC50 460 mg/l	96 h	Pimephales promelas	IUCLID	EPA OPP 72-1
	Acute crustacea toxicity	EC50 230 mg/l	48 h	Daphnia magna	IUCLID	OECD 202
	Acute bacteria toxicity	(EC50 390 mg/l)	24 h	Nitrosomonas sp.	IUCLID	
122-99-6	2-phenoxyethanol					
	Acute fish toxicity	LC50 344 mg/l	96 h	Pimephales promelas	IUCLID	U.S.EPA guideline
	Acute crustacea toxicity	LC50 488 mg/l	48 h	Daphnia magna	IUCLID	79/831/ EEC
1241-94-7	2-ethylhexyl diphenyl phosphate					
	Acute fish toxicity	LC50 1.3-15 mg/l	96 h	fish	IUCLID	
	Acute crustacea toxicity	EC50 0.15 mg/l	48 h	Daphnia magna	literature value	ASTM STP 854

12. 2. Persistence and degradability

The polymer part of the product is poorly biodegradable. Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
100-51-6	Benzyl alcohol			
	OECD 301A (DOC Die-Away Test)	95-97	21	IUCLID
	Readily biodegradable (according to OECD criteria).			
122-99-6	2-phenoxyethanol			
	OECD 301A / EPA OPPTS 835.3110	>60%	10	IUCLID
	Readily biodegradable (according to OECD criteria).			
1241-94-7	2-ethylhexyl diphenyl phosphate			
	OECD TG 301B	79.5	15	IUCLID
	Readily biodegradable (according to OECD criteria).			
65997-04-8	Rosin, fumarated			
	OECD 301D	15%	28	IUCLID
	Not readily biodegradable (according to OECD criteria).			

12. 3. Bioaccumulative potential

No indication of bioaccumulation potential.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow

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100-51-6	Benzyl alcohol	1.05
122-99-6	2-phenoxyethanol	1.2
1241-94-7	2-ethylhexyl diphenyl phosphate	5.87

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Further information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

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

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

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Air transport (ICAO-TI/IATA-DGR)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

No restriction

Information according to 2012/18/EU(SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information

The mixture does not contain any SVHC substance ≥ 0.1 % (w/w).

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC)

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

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

SECTION 16: Other information

Abbreviations and acronyms

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

CAS: Chemical Abstracts Service

DNEL: Derived No Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimat

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LD50: Lethal dose, 50%

LL50: Lethal loading, 50%

EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

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

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

IMDG: International Maritime Code for Dangerous Goods

EmS: Emergency Schedules

MFAG: Medical First Aid Guide

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

SVHC: Substance of Very High Concern

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

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Eye Dam. 1; H318	Calculation method

Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
EUH208	Contains (name/s of the sensitizing substance/s). May produce an allergic reaction.

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Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

Identified uses

No	Short title	LCS	SU	PC	PROC	ERC	AR	TF	Specification
1	Stamp-pad ink	C	-	18	-	-	-	-	Ink

LCS: Life cycle stages

SU: Sectors of use

PC: Product categories

PROC: Process categories

ERC: Environmental release categories

AC: Article categories

TF: Technical functions

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