

# Safety Data Sheet Stamp Cleaner

according to UK REACH Regulation

Date: 25.11.2022

Revision date:

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

### 1.1. Product identifier

Stamp Cleaner

#### Further trade names / Item numbers

SCL-56

UFI : NA00-C0F3-3009-QK5R

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

#### Use of the substance/mixture

Stamp-cleaner

#### 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](mailto:info@tsukineko.co.jp)  
Internet: [www.tsukineko.co.jp](http://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 Irrit. 2; H319

Full text of hazard statements: see SECTION 16.

### 2.2. Label elements

#### GB CLP Regulation

Signal word: Warning

Pictograms:



#### Hazard statements

H319 Causes serious eye irritation.

#### Precautionary statements

P102 Keep out of reach of children.  
P280 Wear protective gloves/eye protection.

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P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501

Dispose of waste according to applicable legislation.

### 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Water, solvents, surfactant, additives

#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
112-34-5	2-(2-butoxyethoxy)ethanol			5 - < 15%
	203-961-6		01-2119475104-44	
	Eye Irrit. 2; H319			
100-51-6	Benzyl alcohol			2 - < 5%
	202-859-9			
	Acute Tox. 4, Acute Tox. 4; H332 H302			
151-21-3	Sodium dodecyl sulphate			1 - < 3%
	205-788-1		01-2119489461-32	
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H302 H315 H318 H412			

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		
112-34-5	203-961-6	2-(2-butoxyethoxy)ethanol	5 - < 15%
	dermal: LD50 = 2700 mg/kg; oral: LD50 = 5660 mg/kg		
100-51-6	202-859-9	Benzyl alcohol	2 - < 5%
	inhalation: LC50 ≥ 4,178 mg/l (aerosols); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 ≥ 2000 mg/kg; oral: LD50 = 1620 mg/kg		
151-21-3	205-788-1	Sodium dodecyl sulphate	1 - < 3%
	dermal: LD50 ≥ 2000 mg/kg; oral: LD50 = 1290 mg/kg		

#### Labelling for contents according to Regulation (EC) No 648/2004

< 5 % anionic surfactants

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

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## 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. If skin irritation or rash occurs: Get medical help.

### 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**

No information available.

## **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**

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

#### **Unsuitable extinguishing media**

No information available.

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

This material is combustible, but will not ignite readily. Remove all sources of ignition.

### **5.3. Advice for firefighters**

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. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## **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 and skin.

### **6.2. Environmental precautions**

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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**

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.

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)**

Cleaning agent for stamps

## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

#### **Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
112-34-5	2-(2-Butoxyethoxy)ethanol	10	67.5		TWA (8 h)	WEL
		15	101.2		STEL (15 min)	WEL

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### DNEL/DMEL values

CAS No	Substance		
DNEL type	Exposure route	Effect	Value
112-34-5	2-(2-butoxyethoxy)ethanol		
Worker DNEL, long-term	inhalation	local	67.5 mg/m <sup>3</sup>
Worker DNEL, acute	inhalation	local	101.2 mg/m <sup>3</sup>
Consumer DNEL, long-term	oral	systemic	6.25 mg/kg bw/day
100-51-6	Benzyl alcohol		
Worker DNEL, long-term	inhalation	systemic	22 mg/m <sup>3</sup>
Worker DNEL, acute	inhalation	systemic	110 mg/m <sup>3</sup>
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 <sup>3</sup>
Consumer DNEL, acute	inhalation	systemic	27 mg/m <sup>3</sup>
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
151-21-3	Sodium dodecyl sulphate		
Worker DNEL, long-term	inhalation	systemic	285 mg/m <sup>3</sup>
Worker DNEL, long-term	dermal	systemic	4060 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	85 mg/m <sup>3</sup>
Consumer DNEL, long-term	dermal	systemic	2440 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	24 mg/kg bw/day

### PNEC values

CAS No	Substance	
Environmental compartment	Value	
112-34-5	2-(2-butoxyethoxy)ethanol	
Freshwater	1.1 mg/l	
Freshwater (intermittent releases)	11 mg/l	
Marine water	0.11 mg/l	
Freshwater sediment	4.4 mg/kg	
Marine sediment	0.44 mg/kg	

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Secondary poisoning		56 mg/l
Soil		0.32 mg/kg
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
151-21-3	Sodium dodecyl sulphate	
Freshwater		176 µg/l
Freshwater (intermittent releases)		55 µg/l
Marine water		17.6 µg/l
Freshwater sediment		6.97 mg/kg
Marine sediment		0.697 mg/kg
Micro-organisms in sewage treatment plants (STP)		1.35 mg/l
Soil		1.29 mg/kg

### 8.2. Exposure controls



#### Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

#### 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.

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	colourless
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:	>100 °C

#### **Flammability**

Solid/liquid:	not applicable
Gas:	not applicable

#### **Explosive properties**

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:	7-8
Water solubility(at 20 °C):	completely 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 <sup>3</sup>
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.

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### **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**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### **10.5. Incompatible materials**

No information available.

### **10.6. Hazardous decomposition products**

Thermal decomposition: Nitrogen oxides (NO<sub>x</sub>), Carbon monoxide, Carbon dioxide

## **SECTION 11: Toxicological information**

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

#### **Acute toxicity**

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
112-34-5	2-(2-butoxyethoxy)ethanol				
	oral	LD50 5660 mg/kg	Rat	Iliterature value	
	dermal	LD50 2700mg/kg	Rabbit	Iliterature value	
100-51-6	Benzyl alcohol				
	oral	LD50 1620mg/kg	Rat	IUCLID	
	dermal	LD50 >2000mg/kg	Rabbit	IUCLID	EPA OTS 798.1100
	inhalation(4 h) aerosols	LC50 > 4.178 mg/l	Rat	Iliterature value	
	inhalation dust/mist	ATE 1.5 mg/l			
151-21-3	Sodium dodecyl sulphate				
	oral	LD50 1290mg/kg	Rat	Iliterature value	
	dermal	LD50 >2000mg/kg	Rat	IUCLID	OECD 402

#### **Irritation and corrosivity**

Causes serious eye irritation.

#### **Sensitising effects**

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

#### **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**



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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 properties

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

The product is not ecotoxic.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
112-34-5	2-(2-butoxyethoxy)ethanol					
	Acute fish toxicity	LC50 1300 mg/l	96 h	Leopomis macrochirus	IUCLID	
	Acute crustacea toxicity	EC50 >100 mg/l	48 h	Daphnia magna	IUCLID	OECD 202
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	
151-21-3	Sodium dodecyl sulphate					
	Acute fish toxicity	LC50 29mg/l	96 h	Pimephales promelas	IUCLID	OECD 203
	Acute algae toxicity	EC50 >120 mg/l	72 h	Desmodesmus subspicatus	IUCLID	DIN 38412, part 9
	Acute crustacea toxicity	EC50 5.55 mg/l	48 h	Ceriodaphnia dubia	IUCLID	OECD 202
	Acute bacteria toxicity	(EC50 135 mg/l)	3 h	Activated sludge	IUCLID	OECD 209

### 12.2. Persistence and degradability

The surfactant contained in this mixture complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

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).			

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151-21-3	Sodium dodecyl sulphate			
	OEDC 301B	94-97%	28	IUCLID
	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
112-34-5	2-(2-butoxyethoxy)ethanol	1
100-51-6	Benzyl alcohol	1.05
151-21-3	Sodium dodecyl sulphate	-2.03

### **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.

#### **List of Wastes Code - residues/unused products**

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing hazardous substances; hazardous waste

#### **Contaminated packaging**

Completely emptied packages can be recycled.

Handle contaminated packages in the same way as the substance itself.

## **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.

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<b><u>14.3. Transport hazard class(es):</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.4. Packing group:</u></b>	No dangerous good in sense of this transport regulation.
<b>Inland waterways transport (ADN)</b>	
<b><u>14.1. UN number or ID number:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.2. UN proper shipping name:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.3. Transport hazard class(es):</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.4. Packing group:</u></b>	No dangerous good in sense of this transport regulation.
<b>Marine transport (IMDG)</b>	
<b><u>14.1. UN number or ID number:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.2. UN proper shipping name:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.3. Transport hazard class(es):</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.4. Packing group:</u></b>	No dangerous good in sense of this transport regulation.
<b>Air transport (ICAO-TI/IATA-DGR)</b>	
<b><u>14.1. UN number or ID number:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.2. UN proper shipping name:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.3. Transport hazard class(es):</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.4. Packing group:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.5. Environmental hazards</u></b>	
ENVIRONMENTALLY HAZARDOUS:	No
<b><u>14.6. Special precautions for user</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.7. Maritime transport in bulk according to IMO instruments</u></b>	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):

Entry 3, Entry 55: not applicable

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

##### **Additional information**

Regulation (EC) No. 648/2004 (Detergents regulation)

##### **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**

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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

LC50: Lethal concentration, 50%

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

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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 Irrit. 2; H319	Calculation method

#### Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H412	Harmful to aquatic life with long lasting effects.

#### 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	Washing and cleaning products	C	-	35	-	-	-	-	Stamp cleaner

LCS: Life cycle stages

SU: Sectors of use

PC: Product categories

PROC: Process categories

ERC: Environmental release categories

AC: Article categories

TF: Technical functions

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