Safety Data Sheet

according to Regulation (EC) No.1907/2006 (REACH), amended by COMMISSION REGULATION (EU) 2020/878

Date of revision : 07/Aug/2025

SDS No. : 6123204007_CLP-1
Revision No. : 1

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:
Product name: ・SARASA CLIP 0.5 Green
・SARASA CLIP 0.7 Green
・JF Refill 0.5 Green
・BIOTUBE IN JF-Refill 0.5 Green
Product code (SDS NO): 6123204007_CLP-1

1.2 Relevant identified uses of the substance or mixture and uses advised against
Relevant identified uses of the product: Writing instruments for general consumer use.
Uses advised against: Use for purposes other than recommended uses is prohibited.

1.3 Details of the supplier of the safety data sheet
Impoter: ZEBRA PEN EU KFT.
Address: H-1039 Budapest, Pünkösdfürdő u. 52.
Telephone number: +36 1 630 91 73
Manufacturer: ZEBRA CO., LTD.
Address: 2-9 Higashi-goken-cho Shinjuku-ku Tokyo 162-8562 JAPAN
Telephone number: +81-3-3268-1191
E-mail: kankyo@zebra.co.jp

1.4 Emergency telephone number:
Impoter: +36-1-630-91-73
Manufacturer: +81-3-3268-1191

Section 2. Hazards identification

Information about the ink used in the product.

GHS classification and label elements of the product

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No.1272/2008 [CLP]
HEALTH HAZARDS
Skin sensitization: Category 1
ENVIRONMENT HAZARDS
Hazardous to the aquatic environment, long-term (chronic): Category 3
(Note) GHS classification without description: Not classified/Classification not possible

2.2 Label elements
Labelling according to Regulation (EC) No.1272/2008 [CLP]

Signal word: Warning
HAZARD STATEMENT
H317 May cause an allergic skin reaction
H412 Harmful to aquatic life with long lasting effects
Supplemental hazard information
EUH208 Contains 1,2-Benzisothiazolin-3-one; Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.
PRECAUTIONARY STATEMENT
Prevention
P273 Avoid release to the environment.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P280 Wear protective gloves.

P272 Contaminated work clothing should not be allowed out of the workplace.

Response

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

Disposal

P501 Dispose of contents/container in accordance with local/national regulation.

Hazards not otherwise classified

None known.

Section 3. Composition/information on ingredients

Information about the ink used in the product..

Mixture/Substance selection:

3.2 Mixture

Ingredient name	CAS No.	Content (%)
Classification according to REGULATION (EC) No.1272/2008 [CLP]		
Water	7732-18-5	65 - 70
-		
Propylene glycol	57-55-6	10 - 15
-		
Glycerin	56-81-5	1 - 5
-		
Triethanolamine	102-71-6	1 - 5
-		
Ammonium hydroxide	1336-21-6	0.1 - 1
Skin Corr. 1B, H314; Aquatic Acute 1, H400 [SCL's, M-Factors, ATE, Component notes] STOT SE 3; H335: C >= 5 %;note:[B]		
Methanol	67-56-1	0.1 - 1
Flam. Liq. 2, H225; Acute Tox. 3 *, H331; Acute Tox. 3 *, H311; Acute Tox. 3 *, H301; STOT SE 1, H370 ** [SCL's, M-Factors, ATE, Component notes] *;STOT SE 1; H370: C >= 10 %;STOT SE 2; H371: 3 % =< C < 10 %		
1,2-Benzisothiazolin-3-one	2634-33-5	< 0.1
Acute Tox. 2, H330; Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Dam. 1, H318; Skin Sens. 1A, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410 [SCL's, M-Factors, ATE, Component notes] inhalation: ATE = 0,21 mg/L (dusts or mists);oral: ATE = 450 mg/kg bw;Skin Sens. 1A; H317: C >= 0,036 %;M = 1;M = 1		
2-n-octyl-4-isothiazolin-3-one	26530-20-1	< 0.1
Acute Tox. 2, H330; Acute Tox. 3, H311; Acute Tox. 3, H301; Skin Corr. 1, H314; Eye Dam. 1, H318; Skin Sens. 1A, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410;EUH071 [SCL's, M-Factors, ATE, Component notes] Inhalation: ATE = 0.27 mg/L (dusts/mists);Dermal: ATE = 311 mg/kg;Oral: ATE = 125 mg/kg;Skin Sens. 1A; : C >= ,0015 %;M=100;M=100		
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	< 0.1
Acute Tox. 2, H330; Acute Tox. 2, H310; Acute Tox. 3, H301; Skin Corr. 1C,		

H314; Eye Dam. 1, H318; Skin Sens. 1A, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410;EUH071 [SCL's, M-Factors, ATE, Component notes] Skin Corr. 1C; : C >= ,6 %;Skin Irrit. 2; H315: ,06 % =< C < ,6 %;Eye Dam. 1; : C >= ,6 %;Eye Irrit. 2; H319: ,06 % =< C < ,6 %;Skin Sens. 1A; : C >= ,0015 %;M=100;M=100;note:[B]		

Note : The figures shown above are not the specifications of the product.

Section 4. First-aid measures

4.1 Descriptions of first-aid measures

IF INHALED

Remove person to fresh air and keep comfortable for breathing.

IF ON SKIN (or hair)

Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/attention.

IF IN EYES

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

IF SWALLOWED

Call a POISON CENTER/doctor/physician if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Specific information on symptom and effect are unknown.

4.3 Indication of any immediate medical attention and special treatment needed

Information on indication of any immediate medical attention and special treatment needed is not available.

Section 5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use appropriate extinguishing media suitable for surrounding facilities.

Carbon dioxide, dry chemical powder, water fog, foam

Unsuitable extinguishing media

Unsuitable extinguishing media data is not available.

5.2 Specific hazards arising from the substance or mixture

Fire may produce irritating, corrosive and/or toxic gases.

This product is not combustible.But evaporated residue is combustible .

5.3 Advice for firefighters

Specific fire-fighting measures

Evacuate non-essential personnel to safe area.

Section 6. Accidental release measures

6.1 Personnel precautions, protective equipment and emergency procedures

Keep unauthorized personnel away.

Ventilate area until material pick up is complete.

Wear proper protective equipment.

6.2 Environmental precautions

Prevent spills from entering sewers, watercourses or low areas.

6.3 Methods and materials for containment and cleaning up

Absorb spill with inert material (dry sand, earth, etc.), then place in a chemical waste container.

Preventive measures for secondary accident

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

6.4 Reference to other sections

Refer to section 8

Refer to section 13

Section 7. Handling and storage

7.1 Precautions for safe handling

Preventive measures

(Exposure Control for handling personnel)

Avoid breathing dust/fume/gas/mist/vapors/spray.

(Protective measures against fire and explosion)

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

(Exhaust/ventilator)

Exhaust/ventilator should be available.

Safety Measures

Use only outdoors or in a well-ventilated area.

Wear protective gloves/eye protection/face protection.

Wear protective gloves.

Wash hands and contaminated parts thoroughly after handling.

When using do not eat, drink or smoke.

Any incompatibilities data is not available.

Advice on general occupational hygiene

Contaminated work clothing should not be allowed out of the workplace.

Take off contaminated clothing and wash it before reuse.

7.2 Storage

Conditions for safe storage

Store in a well-ventilated place. Keep cool.

Store in accordance with local/national regulation.

Store locked up.

Container and packaging materials for safe handling data is not available.

Section 8. Exposure controls/personal protection

Information about the ink used in the product..

8.1 Control parameters

Occupational Exposure Limit

ACGIH

(Triethanolamine)

TWA: 5mg/m3 (Eye & skin irr)

(Ammonium hydroxide)

TWA: 25ppm; STEL: 35ppm (Eye dam; URT irr)

(Methanol)

TWA: 200ppm; STEL: 250ppm (Headache; eye dam; dizziness; nausea)

Notation

(Methanol)

Skin

EU Occupational exposure limit values (Workplace Exposure limits) compliant to relevant EU Directive through 91/332/EEC to 2019/1831/EU

(Methanol)

LTEL: 260mg/m3; 200ppm (SKIN)

8.2 Exposure controls

Appropriate engineering controls
Exhaust/ventilator should be available.
Individual protection measures
Respiratory protection
If necessary use suitable respiratory protection.
Hand protection
Wear protective gloves.
Eye protection
Wear eye/face protection.
Use suitable eye protection.
Skin and body protection
If necessary use suitable face protection.

Section 9. Physical and Chemical Properties

Information about the ink used in the product..

9.1 Information on basic physical and chemical properties

Physical state: Liquid
Color: Green
Odor: Slight odor
Odor threshold data is not available.
Melting point/Freezing point data is not available.
Boiling point or initial boiling point data is not available.
Boiling range data is not available.
Flammability data is not available.
Lower and upper explosion limit/flammability limit data is not available.
Flash point data is not available.
Auto-ignition temperature data is not available.
Decomposition temperature data is not available.
pH data is not available.
Kinematic viscosity data is not available.
Solubility:
Solubility in water: Soluble in water.
Solubility in solvent data is not available.
Partition coefficient n-octanol/water data is not available.
Vapor pressure data is not available.
Density and/or relative density data is not available.
Relative vapor density (Air=1) data is not available.
Particle characteristics data is not available.

Section 10. Stability and Reactivity

10.1 Reactivity
Reactivity data is not available.
10.2 Chemical stability
Stable under normal storage/handling conditions.
10.3 Possibility of hazardous reactions
Possibility of hazardous reactions data is not available.
10.4 Conditions to avoid
Conditions to avoid data is not available.
10.5 Incompatible materials
Incompatible materials data is not available.
10.6 Hazardous decomposition products
Hazardous decomposition products data is not available.

Section 11. Toxicological Information

Information about the ink used in the product.

11.1 Information on toxicological effects

Acute toxicity

Acute toxicity (Oral)

Classification not possible (Insufficient data available or no data available).

Acute toxicity (Dermal)

Classification not possible (Insufficient data available or no data available).

Acute toxicity (Inhalation)

Classification not possible (Insufficient data available or no data available).

Irritant properties

Skin corrosion/irritation

Classification not possible (Insufficient data available or no data available).

Serious eye damage/irritation

Classification not possible (Insufficient data available or no data available).

Sensitization

Respiratory sensitization

Classification not possible (Insufficient data available or no data available).

Skin sensitization

Category 1, May cause an allergic skin reaction

[Data for components of the product]

[Table 3 of Annex VI to the CLP Regulations]

(1,2-Benzisothiazolin-3-one)

Category 1A

(2-n-octyl-4-isothiazolin-3-one)

Category 1A

(Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1))

Category 1A

Germ cell mutagenicity

Classification not possible (Insufficient data available or no data available).

Carcinogenicity

Classification not possible (Insufficient data available or no data available).

Reproductive toxicity

Classification not possible (Insufficient data available or no data available).

Specific target organ toxicity (STOT)

STOT-single exposure

Classification not possible (Insufficient data available or no data available).

STOT-repeated exposure

Classification not possible (Insufficient data available or no data available).

Aspiration hazard

Classification not possible (Insufficient data available or no data available).

11.2 Information on other hazards

Endocrine disrupting properties

Classification not possible (Insufficient data available or no data available).

Section 12. Ecological Information

Information about the ink used in the product.

12.1 Toxicity

Aquatic toxicity

Category 3, Harmful to aquatic life with long lasting effects

[Data for components of the product]
Hazardous to the aquatic environment, long-term (chronic)
[Table 3 of Annex VI to the CLP Regulations]
(1,2-Benzisothiazolin-3-one)
Category 1
(2-n-octyl-4-isothiazolin-3-one)
Category 1
(Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1))
Category 1

Water solubility
(Propylene glycol)
miscible (source: ICSC, 2014)
(Glycerin)
miscible (source: ICSC, 2006)
(Triethanolamine)
not water-insoluble (miscible in water) (source: NITE)
(Ammonium hydroxide)
miscible (source: ICSC, 2018)
(Methanol)
not poorly water-soluble (1000000 mg/L) (source: NITE)

12.2 Persistence and degradability
Persistence and degradability data is not available.

12.3 Bioaccumulative potential
Bioaccumulative potential data is not available.

12.4 Mobility in soil
Mobility in soil data is not available.

12.5 Results of PBT and vPvB assessment
Classification not possible (Insufficient data available or no data available).

12.6 Endocrine disrupting properties
Classification not possible (Insufficient data available or no data available).

12.7 Other adverse effects
Results of PMT and vPvM assessment
Classification not possible (Insufficient data available or no data available).
Ozone depleting chemical data is not available.

Section 13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging

13.1 Waste treatment methods
Avoid release to the environment.
Dispose of contents/container in accordance with local/national regulation.

Contaminated packing
Dispose of container after using the contents completely.

Section 14. Transport Information

UN No., UN CLASS
14.1 UN Number or ID Number : Not regulated
14.2 UN Proper Shipping Name : Not regulated
14.3 Class or division (Transport hazard class) : Not regulated
14.4 Packing group : Not regulated

IATA (Dangerous Goods Regulations)

14.1 UN Number or ID Number : Not regulated
14.2 UN Proper Shipping Name : Not regulated
14.3 Class or division (Transport hazard class) : Not regulated
14.4 Packing group : Not regulated

14.5 Environmental hazards
Marine pollutants (yes/no) : no

14.6 Special precautions for user
Refer to “Section 7. Handling and storage”.

14.7 Maritime transport in bulk according to IMO instruments
This product is not intended to be carried in bulk.

Section 15. Regulatory Information

Information about the ink used in the product.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Other information is not available.

Other regulatory information
Ensure this material in compliance with federal requirements and ensure conformity to local regulations.

15.2 Chemical safety assessment
Advice on safe handling for this product can be found in sections 7 and 8 of this SDS.

Section 16. Other information

GHS classification and labelling
Skin sensitization, Category 1: H317 May cause an allergic skin reaction
Hazardous to the aquatic environment, long-term (chronic), Category 3: H412 Harmful to aquatic life with long lasting effects

Full text of Hazard categories and Hazard statements referred to only section 3
Flam. Liq. 2, H225 – Flammable liquids, Category 2: H225 Highly flammable liquid and vapour
Acute Tox. 3, H301 – Acute toxicity, Category 3: H301 Toxic if swallowed
Acute Tox. 4, H302 – Acute toxicity, Category 4: H302 Harmful if swallowed
Acute Tox. 3, H311 – Acute toxicity, Category 3: H311 Toxic in contact with skin
Skin Corr. 1, H314 – Skin corrosion/irritation, Category 1: H314 Causes severe skin burns and eye damage
Skin Irrit. 2, H315 – Skin corrosion/irritation, Category 2: H315 Causes skin irritation
Skin Sens. 1A, H317 – Skin sensitization, Category 1A: H317 May cause an allergic skin reaction
Eye Dam. 1, H318 – Serious eye damage/eye irritation, Category 1: H318 Causes serious eye damage
Acute Tox. 2, H330 – Acute toxicity, Category 2: H330 Fatal if inhaled
Acute Tox. 3, H331 – Acute toxicity, Category 3: H331 Toxic if inhaled
STOT SE 1, H370 – STOT – single exposure, Category 1: H370 Causes damage to organs
STOT SE 2, H371 – STOT – single exposure, Category 2: H371 May cause damage to organs
STOT RE 2, H373 – STOT – Repeated exposure, Category 2: H373 May cause damage to organs through prolonged or repeated exposure
Aquatic Acute 1, H400 – Hazardous to the aquatic environment, short-term (acute), Category 1: H400 Very toxic to aquatic life
Aquatic Chronic 1, H410 – Hazardous to the aquatic environment, long-term (chronic), Category 1: H410 Very toxic to aquatic life with long lasting effects
EUH071 – Corrosive to the respiratory tract

References and sources for data
Globally Harmonized System of classification and labelling of chemicals, UN

Recommendations on the TRANSPORT OF DANGEROUS GOODS 23rd edit., 2023 UN
IMDG Code, 2024 Edition (Incorporating Amendment 42-24)
IATA Dangerous Goods Regulations (66th Edition) 2025
EU REGULATION (EC) No. 1272/2008 (CLP), amended by COMMISSION DELEGATED REGULATION (EU) 2023/1434
2024 EMERGENCY RESPONSE GUIDEBOOK (US DOT)
2025 TLVs and BEIs. (ACGIH)
Supplier's data/information

Abbreviations and acronyms

dam – damage; irr – irritation; URT – upper respiratory tract

General Disclaimer

This data sheet was created based on the information we currently have and may be revised according to new information. In addition, the precautions apply only to normal handling, and in the case of special handling, please make adequate countermeasure to maintain your safety.

The GHS classification data given here is based on current EU official data (Consolidated version of the CLP Regulation published in 01/12/2023 and Commission delegated regulation (EU) 2024/197 (ATP21)).