

Product Name: SP01C

Revision date: -
Issuing Date: 04-Aug-2023
Revision Number: 1
Safety data sheet number: TX306CCTE1

1. IDENTIFICATION

Product identifier

Product Name SP01C

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use Water based ink for inkjet printing machine

Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address

Brother Industries, Ltd.
15-1 Naeshiro-cho, Mizuho-ku, Nagoya 467-8561, Japan
Telephone (for information): +81-52-824-2735

Supplier Address

Brother International Corporation
200 Crossing Boulevard, Bridgewater, NJ 08807, USA
Telephone (for information): +1-877-276-8437

Brother International Corporation (Canada) Ltd.
1 Hotel de Ville, Dollard des Ormeaux, Quebec, H9B 3H6, Canada
Telephone (for information): +1-514-685-0600

E-mail sds.ieink@brother.co.jp

Emergency telephone number

Emergency Telephone CHEMTREC +1-800-424-9300 (North America)
CHEMTREC +1-703-527-3887 (International)

2. HAZARDS IDENTIFICATION

Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Hazards not otherwise classified (HNOc)

Not applicable

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Label elements

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance
Physical state Liquid **Odor:** Slight

Other Information

3 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
7 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
36 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
36 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
36 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable.

Mixture

Chemical name	CAS No	Weight-%	Trade secret
Water	7732-18-5	45-65	*
Hydrosoluble solvent	**	15-45	*
Dye	**	1-5	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

** Trade secret

4. FIRST AID MEASURES

Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance.

Inhalation Remove to fresh air. If symptoms persist, call a physician.

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Eye contact Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

Skin contact: Wash off immediately with soap and plenty of water. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. If large quantities of this material are swallowed, call a physician immediately.

Most important symptoms and effects, both acute and delayed

No information available

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically. Symptoms may be delayed.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Alcohol resistant foam, Carbon dioxide (CO₂)

Unsuitable extinguishing media Do not use water jet.

Specific hazards arising from the chemical Thermal decomposition can lead to release of toxic and corrosive gases/vapors.

Explosion data
Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Keep people away from and upwind of spill/leak. Use personal protection recommended in Section 8.

For emergency responders Use personal protection recommended in Section 8.

Environmental precautions

Avoid release to the environment. Prevent substance entering sewers. Washings must be prevented from entering surface water drains.

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Methods and material for containment and cleaning up

Methods for containment	Stop leak if you can do it without risk.
Methods for cleaning up	Wipe up with absorbent towel Wash with water to remove remaining traces of ink.
Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.
Reference to other sections	See section 8 for more information. See section 13 for more information.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling	Avoid prolonged contact with eyes, skin, and clothing. Handle in accordance with good industrial hygiene and safety practice.
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Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.
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The information required is contained in this Material Safety Data Sheet

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
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Appropriate engineering controls

Engineering controls	Good general ventilation should be sufficient under normal use.
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Individual protection measures, such as personal protective equipment

Eye/face protection	Wear safety glasses with side shields (or goggles).
Hand protection	Wear suitable gloves.
Skin and body protection	Wear suitable protective clothing

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Respiratory protection	Use appropriate respiratory protection.
Environmental exposure controls	Avoid release to the environment.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance

Physical state	Liquid
Color	blue
Odor	Slight
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	
pH (as aqueous solution)		
Melting point / freezing point	No data available	
Initial boiling point and boiling range	No data available	
Flash point	> 93.3 °C	Tag Closed Cup Cleveland Open Cup
Evaporation rate	No data available	None known
Flammability	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	None known
Relative vapor density	No data available	None known
Relative density	No data available	(H ₂ O=1)
Water solubility	dispersible	
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	No data available	
Hyphen	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	Not applicable	
Explosive properties	No information available	
Oxidizing properties	No information available	

Other information

Softening point	No information available
Molecular weight	No information available
VOC content	No information available
Liquid Density	No information available
Bulk density	No information available

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10. STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	Strong oxidizing agents.
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Carbon oxides, Nitrogen oxides (NOx), Hydrocarbons

11. TOXICOLOGICAL INFORMATION

Product Information

Inhalation	No information available
Eye contact	No information available
Skin contact:	No information available
Ingestion	No information available

Symptoms Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (dermal)	99,999.00	mg/kg
ATEmix (inhalation-gas)	99,999.00	mg/l
ATEmix (inhalation-dust/mist)	99,999.00	mg/kg
ATEmix (inhalation-vapor)	99,999.00	mg/l

Skin corrosion/irritation	Classification not possible Irritation/Corrosion - Skin Dye Results : Non-irritant (OECD 439 method)
Serious eye damage/irritation	Classification not possible Irritation/Corrosion - Eye Dye Results : Not classified (OECD 437 method)
Respiratory or skin sensitization	Classification not possible Respiratory or skin sensitization Dye Results : Not classified (OECD 429 method)

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Germ cell mutagenicity	Classification not possible Ames Test Dye Results : Positive
Carcinogenicity	Classification not possible
Reproductive toxicity	Classification not possible Dye > 1000 mg/kg (OECD 421 method)
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.
Potential health effects	Prolonged exposure may cause chronic effects

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not considered to be harmful to aquatic life
Persistence and degradability	No data available.
Bioaccumulation	There is no data for this product.
Other adverse effects	No information available.

13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues/unused products	Dispose in accordance with federal, state and local regulations.
Contaminated packaging	Do not reuse empty containers.

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14. TRANSPORT INFORMATION

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDL	Complies
EINECS/ELINCS	Contact supplier for inventory compliance status
ENCS	Contact supplier for inventory compliance status
IECSC	Contact supplier for inventory compliance status
KECL	Contact supplier for inventory compliance status
PICCS	Contact supplier for inventory compliance status
AICS	Contact supplier for inventory compliance status

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

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CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

U.S. State Right-to-Know Regulations

US State Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Water 7732-18-5	-	-	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

Issuing Date 04-Aug-2023

Revision Note -

Disclaimer

The information relates only to this product. It may not be valid, if used in combination with any other materials or in any other process, and it is based on our best knowledge as of the date of preparation (revision).

End of Safety Data Sheet