

Product Name: SP01BK

Revision date: -
Issuing Date: 04-Aug-2023
Revision Number: 1
Safety data sheet number: TX307KCTE1

1. IDENTIFICATION

Product identifier

Product Name SP01BK

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 considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin sensitization	Category 1
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Hazards not otherwise classified (HNOC)

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Not applicable

Label elements

Warning

Hazard statements

May cause an allergic skin reaction



Appearance

Physical state: Liquid Odor: Slight

Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing must not be allowed out of the workplace
Wear protective gloves

Precautionary Statements - Response

IF ON SKIN: Wash with plenty of water and soap
If skin irritation or rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse

Precautionary Statements - Storage

Not available

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable

Other Information

Unknown acute toxicity

8 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
10 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
31 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
31 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
31 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable.

Mixture

Chemical name	CAS No	Weight-%	Trade secret
Water	7732-18-5	50-70	*
Hydrosoluble solvent	**	10-35	*
Dye1	**	1-5	*
Dye2	**	<1	*

*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.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.
Skin contact:	Before seeking medical attention remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	Rinse mouth. If large quantities of this material are swallowed, call a physician immediately.

Most important symptoms and effects, both acute and delayed

H317 - May cause an allergic skin reaction Rashes

Symptoms Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting
May cause allergic skin reaction Rashes

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically. Keep victim under observation. Symptoms may be delayed.

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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Alcohol resistant foam, Carbon dioxide (CO ₂)
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	Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
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.

Methods and material for containment and cleaning up

Methods for containment	Stop leak if you can do it without risk.
Methods for cleaning up	Ventilate affected area
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.

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7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Avoid breathing vapors or mists. Avoid contact with skin, eyes or clothing. Avoid prolonged contact with eyes, skin, and clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Handle in accordance with good industrial hygiene and safety practice.

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.

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.

Appropriate engineering controls

Engineering controls

Good general ventilation should be sufficient under normal use.

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

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.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance

Physical state	Liquid
Color	black
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

10. STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions
Chemical stability	Stable under normal conditions.

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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

Eye contact No information available

Skin contact: May cause sensitization by skin contact Specific test data for the substance or mixture is not available Repeated or prolonged skin contact may cause allergic reactions with susceptible persons (based on components)

Ingestion No information available

Symptoms Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. May cause allergic skin reaction. Rashes.

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
Dye2 Results : Non-irritant (OECD 439 method)

Serious eye damage/irritation Classification not possible
Irritation/Corrosion - Eye
Dye2 Results : Not classified (OECD 437 method)

Respiratory or skin sensitization May cause an allergic skin reaction
Respiratory sensitization : Classification not possible
OECD Test No. 429: Skin Sensitization: Local Lymph Node Assay
Dye2 Results : Not classified
Sensitization
Dye1 Results : Category 1

Germ cell mutagenicity Classification not possible

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Ames Test
Dye1 Results : Positive
Dye2 Results : Positive
Micronucleus
Dye1 Results : Negative

Carcinogenicity	Classification not possible
Reproductive toxicity	Classification not possible Dye2 > 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	Yes
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