

92063-4014



# SAFETY DATA SHEET

Revision date: -

Issuing Date: 04-Aug-2023

Revision Number: 1

Safety data sheet number: TX304YCTE1

Product Name: SP01Y

## 1. IDENTIFICATION

### Product identifier

Product Name SP01Y

### 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 dermal toxicity  
 39 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
 39 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
 39 % 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    | *            |

\*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



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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 (CO<sub>2</sub>)**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.

**Methods and material for containment and cleaning up**



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|  |  |
|--|--|
| <b>Methods for containment</b>         | Stop leak if you can do it without risk.   |
| <b>Methods for cleaning up</b>         | Wipe up with absorbent towel Wash with water to remove remaining traces of ink.      |
| <b>Prevention of secondary hazards</b> | Clean contaminated objects and areas thoroughly observing environmental regulations. |
| <b>Reference to other sections</b>     | 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.

### 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.



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**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          | yellow                   |
| Odor           | Slight                   |
| Odor threshold | No information available |

#### Property

| <u>Property</u>                         | <u>Values</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                |
| Evaporation rate                        | No data available        |
| Flammability                            | No data available        |
| Flammability Limit in Air               |                          |
| Upper flammability or explosive limits  | No data available        |
| Lower flammability or explosive limits  | No data available        |
| Vapor pressure                          | No data available        |
| Relative vapor density                  | No data available        |
| Relative density                        | No data available        |
| Water solubility                        | dispersible              |
| Solubility(ies)                         | No data available        |
| Partition coefficient                   | No data available        |
| Autoignition temperature                | No data available        |
| Hyphen                                  | No data available        |
| Kinematic viscosity                     | No data available        |
| Dynamic viscosity                       | Not applicable           |
| Explosive properties                    | No information available |
| Oxidizing properties                    | No information available |

#### Remarks • Method

Tag Closed Cup Cleveland Open Cup  
 None known  
 None known  
 None known

None known  
 None known  
 (H<sub>2</sub>O=1)  
 None known  
 None known  
 None known  
 None known

#### 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

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

## 11. TOXICOLOGICAL INFORMATION

### Product Information

|                      |                          |
|----------------------|--------------------------|
| <b>Inhalation</b>    | No information available |
| <b>Eye contact</b>   | No information available |
| <b>Skin contact:</b> | No information available |
| <b>Ingestion</b>     | 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

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

|  |                             |
|--|-----------------------------|
| <b>Skin corrosion/irritation</b>         | Classification not possible |
| <b>Serious eye damage/irritation</b>     | Classification not possible |
| <b>Respiratory or skin sensitization</b> | Classification not possible |
| <b>Germ cell mutagenicity</b>            | Classification not possible |



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|                                 |  |
|---------------------------------|--|
| <b>Carcinogenicity</b>          | Classification not possible                  |
| <b>Reproductive toxicity</b>    | Classification not possible                  |
| <b>STOT - single exposure</b>   | No information available.                    |
| <b>STOT - repeated exposure</b> | No information available.                    |
| <b>Aspiration hazard</b>        | No information available.                    |
| <b>Potential health effects</b> | Prolonged exposure may cause chronic effects |

## 12. ECOLOGICAL INFORMATION

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

## 13. DISPOSAL CONSIDERATIONS

### Disposal methods

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

## 14. TRANSPORT INFORMATION

|                    |               |
|--------------------|---------------|
| <b><u>IATA</u></b> | Not regulated |
| <b><u>IMDG</u></b> | Not regulated |



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## 15. REGULATORY INFORMATION

### International Inventories

|                      |  |
|----------------------|--|
| <b>TSCA</b>          | Complies   |
| <b>DSL/NDSL</b>      | Complies   |
| <b>EINECS/ELINCS</b> | Contact supplier for inventory compliance status |
| <b>ENCS</b>          | Contact supplier for inventory compliance status |
| <b>IECSC</b>         | Contact supplier for inventory compliance status |
| <b>KECL</b>          | Contact supplier for inventory compliance status |
| <b>PICCS</b>         | Contact supplier for inventory compliance status |
| <b>AICS</b>          | Contact supplier for inventory compliance status |

### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - 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

|  |    |
|--|----|
| <b>Acute health hazard</b>               | No |
| <b>Chronic Health Hazard</b>             | No |
| <b>Fire hazard</b>                       | No |
| <b>Sudden release of pressure hazard</b> | No |
| <b>Reactive Hazard</b>                   | 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).

#### 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.



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## US State Regulations

### U.S. State Right-to-Know Regulations

#### US State Regulations

| Chemical name      | New Jersey | Massachusetts | Pennsylvania |
|--------------------|------------|---------------|--------------|
| Water<br>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**