

### **Product Information Data Sheet**

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Product Name (Chemical Name, Trade Name, etc.)

Ink for Pen and ribbon cassette as the chart recorder's accessories includes chemical substances specified in Japanese domestic law 'Industrial Safety and Health Act'. Please read safety information in the safety data sheet (next page) of parts below for your safety and appropriate use.

Parts No.	Product Name in	Color
	Safety Data Sheet	
B9586YA	B9586YA(Standard)	RED
B9586YB	B9586YB(Standard)	GREEN
B9586YC	B9586YC(Standard)	BLUE
B9586YD	B9586YD(Standard)	BROWN
B9586YE	B9586YE(Standard)	BLACK
B9586YF	B9586YF(Standard)	PURPLE
B9586YG	B9586YG(Standard)	ORANGE
B9586YH	B9586YH(Standard)	RED-
		VIOLET

Parts No.	Product Name in	Color
	Safety Data Sheet	
B9586YR	B9586YA(Standard)	RED
	B9586YB(Standard)	GREEN
	B9586YC(Standard)	BLUE
	B9586YD(Standard)	BROWN
B9586YS	B9586YA(Standard)	RED
	B9586YB(Standard)	GREEN
	B9586YC(Standard)	BLUE
	B9586YD(Standard)	BROWN
	B9586YE(Standard)	BLACK
	B9586YF(Standard)	PURPLE
B9586YT	B9586YA(Standard)	RED
	B9586YB(Standard)	GREEN
	B9586YC(Standard)	BLUE
	B9586YD(Standard)	BROWN
	B9586YE(Standard)	BLACK
	B9586YF(Standard)	PURPLE
	B9586YG(Standard)	ORANGE
	B9586YH(Standard)	RED-
		VIOLET

The information herein is only provision of information, and it does not represent a guarantee the properties of the product.

# SAFETY DATA SHEET

# Section1 Idetification of the Substance / Mixture and of the Company / Undertaking

1-1 Product Identifier

Product name / Ink name Product name Ink name B9586YA(Standard) / HR-3 (B9586WA)

RFD B9586XA(Low speed type) HR-3 (B9586WA) RFD B9586YB(Standard) HG-2 (B9586WB) **GREEN** B9586XB(Low speed type) HG-2 (B9586WB) **GREEN** B9586YC(Standard) HB-2 (B9586WC) BLUE B9586XC(Low speed type) HB-2 (B9586WC) **BLUE** B9586YD(Standard) HBN-1 (B9586WD) **BROWN** B9586XD(Low speed type) HBN-1 (B9586WD) **BROWN** B9586YE(Standard) HK-1 (B9586WE)  ${\sf BLACK}$ HK-1 (B9586WE) HV-2 (B9586WF) B9586XE(Low speed type) BLACK B9586YF(Standard) VIOLET VIOLET HV-2 (B9586WF) B9586XF(Low speed type) HOR-1 (B9586WG) HOR-1 (B9586WG) B9586YG(Standard) **ORANGE** B9586XG(Low speed type) ORANGE B9586YH(Standard) HRP-1 (B9586WH) **RED-VIOLET** B9586XH(Low speed type) HRP-1 (B9586WH) RED-VIOLET

Color

1-2 Relevant Identified used of the substance or mixture and uses advised against

Identifier uses : Liquid mixture

1-3 Detail of the supplier of the safety data sheet

Manufacture : Right Co,Ltd

Address : No12 Nishimizue 4 Edogawaku Tokyo 134-8642 Japan

TEL : +81-3-3653-4320 FAX : +81-3-3653-8781

1-4 Emergency phone number

TEL : +81-3-3653-4320

### **Section2** Hazards identification

2-1 Classification of the substance or mixture

Chemical Family : Dye / Water / Solvent Mixture Classfication according to Regulation(EC) No.1272/2008[CLP/GHS]

GHS classfication

Hazzard of Physical/Chemical: No classification

Hazzard of Human/Health: Skin senstization Category 3
Serious eye dariable category 2B

Procreation toxicity

Whole body toxicity

Category 18

Category 1

Response: Eye contact Flush eyes thoroughly with water Seek medical attention if irritation persists

Skin contact Wash contaminated areas with soap and water

Swallowed Induce vommiting and call a doctor

Disposal: Dispose caontents / container to in accrdance with local/regianal/national/international regulation

2-2 Label elements

Signal word :



Hazard statements : No known significant effects or critical hazards.

2-3 Other hazards

Other hazards which do not : None known

result in classification

## Section3 Composition/Information on ingredients

3-2 Mixture : Mixture

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Product/Ingredient name	Identifier	%	OSHA(US)	Regulation(EC) No. 1272/2008[CLP]
Glycerine	CAS 56-81-5	30.0~35.0	OSHA PEL 15 mg/m3 (TWA,Total dust) 5 mg / m3 (TWA,Respirable fraction) OSHA 29CFR1910. 1200 ( 1 %) Reportable	No. 1272/2006 CLP Eye Irrit.2 H319 Skin Irrit.2 H315
Ethylene Glycol	CAS 107-21-1	8.0~13.0	OSHA PEL 127mg/m3 (TWA,Total dust) 26 mg / m3 (TWA,Respirable fraction) OSHA 29CFR1910. 1200 ( 1 %) Reportable	Eye Irrit.2 H319 Skin Irrit.2 H315
Dye		1.0~3.0	NO PEL OSHA 29 CFR1910.1200 (1%) Reportable	
Sodium Dehydro acetate	CAS 4418-26-2	<1.0		
Water		50.0~60.0		

#### Section4 First aid measure

Description of first aid measures 4-1

Flush eyes thoroughly with water Seek medical attention if irritation persists Eye contact

Skin contact Wash contaminated areas with soap and water

Not applicable Inhaled

4-2 Most important symptoms and effects, both acture and delayed

No known significant effects or crtical hazards Eye contact Skin contact No known significant effects or crtical hazards Inhaled No known significant effects or crtical hazards

4-3 Indication of any immediate attension and special treatment needed

Induce vommiting and call a doctor Swallowed

#### Section5 Firefighting measures

Extingushing media No data available 5-1 5-2 Special hazards arising No data available

from the substance or mixture

5-3 Advice for firefighters No data available

Non flammable water based

#### Section6 **Accidential release measures**

Personal precautions, protective: 6-1

Steps to be taken in case material is released or spilled Soak up on paper or other absorbent and scoop into closed containers Flush area with plenty of water equipment and emergency procedures

6-2 Environmental precautions No data available Methods and material for No data available 6-3

containment and cleaning up

Reference to other sections No data available

#### **Handling and storage** Section7

Precausions for safe handling 7-1

Special sensitivity Heat, light, moisture

Keep container closed, Store away traffic Precautions

Condition for safe storage, including any incompatibilities

Storage temperature Standard room temperature

Specific end use(s) No data available 7-3

#### Section8 **Exposure control / personal protection**

8-1 Control parameters

6-4

Respiratory protection Not necessary

Ventilation Mechanical ventilation is acceptable

Protective gloves Rubber

Eye protection Goggles or safety glasses with side shields

8-2 Exposure controls

Section9

9-1

Other protective Impervious clothing where skin contact is unavoidable Eyewash station

### clothing or equipment

Information on basic phsical and chemical properties

Boiling point (°C) about 100 (°C) under 0 (°C) Melting point No data available Vapor pressure (mmHg) Vapor density No data available Solubility in water Complete Specific gravity 1.08 Evaporation rate: No data available

5.0-8.0

Physical and chemical properties

Appearance and odor Colored liquid, with mild odor

9-2 Other information No data available

### Section10 Stability and reactivity

10-1 Reactivity : None known

10-2 Chemical stability : Stable

10-3 Possibility of hazardous reaction: None known10-4 Condition to avoid: None known

10-5 Incompatible materials : Oxidizing materials and strong acid

10-6 Hazardous decomposition : Oxides of carbon and nitrogen

products

### **Section11** Toxicological information

11-1 Information on toxicological : No information available

effects

### Section12 Ecological information

12-1 Toxicity : No information available
12-2 Persistence and degradability : No information available
12-3 Bioaccumulative potential : No information available
12-4 Mobility in soil : No information available

Result of PBT and vPvB assessment

12-5

: No information available

12-6 Other adverse effect : No ki

No known sigificant effects or critical hazards

# **Section13** Disposal considerations

13-1 Waste treatment method : Waste shall be disposed in accordance with federal,

state and local environmental control regulations.

### **Section14** Transport information

14-1 UN number : No information available
14-2 UN proper shipping name : No information available
14-3 Transporthazard class(es) : No information available
14-4 Packing group : No information available
14-5 Environment hazards : No information available

14-6 Special precautions for user : Keep bottle closed with cap,(Do not leak ink)

# **Section15** Regulation information

15-1 and 15-2 Safety,health and environmental Occupational Safety and Health Act.

regulations/legislation specific for Chemical Substances Control Law — hazardous materials

and hazardous substances should be notified.
the substance or mixture Priority assessment chemical substance comes under number105 of subsection5, section2.

Chemical safety assessment

# Section16 Other information

Full text of classifications [CLP/GHS]

Eye Irrit.2 , H319 SERIOUS EYE DAMEGE / EYE IRRITAION - Category 2

Skin Irrit.2 , H315 SKIN CORROSION / IRRITATION - Category 2

Date of issue : 23-Aug-16
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