



## SAFETY DATA SHEET

<b>SDS Number:</b>	293, REV H PITNEY BOWES, INC.	<b>Effective Date:</b> <b>Revised Date:</b>	February 11, 2010 December 14, 2022
<b>Product Name:</b>	Yellow Ink Cartridge (CG345A)	<b>Page:</b>	1 of 9

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

#### 1.1 Product Identifier

**Trade Name:** Yellow Ink Cartridge (CG345A)  
**Reorder Number:** 787- F, 78P-Z

#### 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against Product Use:

Printer Cartridge

#### 1.3 Details of the Supplier of the Safety Data Sheet

Manufacturer:

**US Facility:**  
Pitney Bowes Inc.  
27 Waterview Drive  
Shelton, CT 006484  
United States

**UK Facility:**  
Langlands House  
130 Sandringham Avenue,  
Harlow,  
CM19 5QA  
United Kingdom

**Canada Distributer:**  
Pitney Bowes Ltd.  
30 Pedigree Ct Unit 1  
Brampton,  
CAN-ON L6T 5T8  
Canada

**Information Phone Number:**  
800-243-7824

+44(0) 8705 252 525

905-219-3000

**E-mail:**

[ehs@pb.com](mailto:ehs@pb.com)

**SDS Website:**

[www.pb.com/sds](http://www.pb.com/sds)

#### 1.4 Emergency Telephone Number

**Emergency Spill Information** 203-922 5340  
**North America** 00-1-203-922 5340  
**International**

SDS Date of Preparation: December 14, 2022

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the Substance or Mixture

**CLP/GHS Classification (2020/878):** Not classified as hazardous.

**US OSHA Hazcom 2012: (29 CFR1910.1200):** Not classified as hazardous.

**Canada WHMIS 2015:** Not classified as hazardous.

**Japan:** Not classified as hazardous.

#### 2.2 Label Elements:

Contains 1,2-Benzisothiazolin-3-one. May produce an allergic reaction.

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**2.3 Other Hazards:** None

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**3.2 Mixture:**

Chemical Name	CAS# / MITI#	EINECS# / REACH Reg No.	GHS Classification Regulation (EC) No 2020/878	%
Water	7732-18-5 / 9-447	231-791-2	Not Applicable	65-85
Hydroxy alkylated lactam	Proprietary/ Proprietary	Proprietary/	Not Applicable	10-30
Substituted naphthalene sulfonate salt # 13	Proprietary/ Proprietary	Proprietary/	Not Applicable	1-5
Alcohols, C11-15-secondary, ethoxylated	68131-40-8/ 7-97	614-295-4/	Chronic Aquatic Tox. 3 (H412)	<0.1
1,2-Benzisothiazolin-3-one	2634-33-5 / 9-1845	220-120-9/	Acute Tox. 4 -(H302) ATE: LD50: 490 mg/kg Skin Irrit. 2 (H315) Skin Sens. 1 (H317) SCL ≥ 0.05% Eye Dam. 1 (H318) Acute Aquatic Tox 1 (M factor 10) (H400) Chronic Aquatic Tox. 2 (H411)	<0.05

See Section 16 for further information on GHS Classification.

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of First Aid Measures

**Eyes:** Flush with plenty of running cold water, holding eyelids open to assure thorough rinsing. Get medical attention if irritation develops or persists.

**Skin:** Wash with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation develops or persists.

**Inhalation:** Remove to fresh air. Get medical attention if irritation develops or persists.

**Ingestion:** If large amounts are swallowed, do not induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get medical attention.

**Notes to Physicians:** Treat symptomatically.

**4.2 Most Important symptoms and effects, both acute and delayed:** May cause mild eye and skin irritation.

**4.3 Indication of any immediate medical attention and special treatment needed:** Immediate medical treatment should not be required.

### SECTION 5: FIRE FIGHTING MEASURES

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## 5.1 Extinguishing Media:

Use water spray, carbon dioxide, dry chemical, or foam to extinguish fire.

## 5.2 Special Hazards Arising from the Substance or Mixture

**Unusual Fire and Explosion Hazards:** None known.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, nitrogen oxides and low molecular weight hydrocarbons.

## 5.3 Advice for Fire-Fighters:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid contact with eyes, skin, and clothing.

### 6.2 Environmental Precautions:

It is recommended to keep away from drains, surface, and ground water.

### 6.3 Methods and Material for Containment and Cleaning Up:

Large Spill: Not sold in large quantities.

Small Spill: Wipe up with absorbent material and place into a suitable container for disposal. Rinse area with a damp cloth to remove residue.

### 6.4 Reference to Other Sections:

Refer to Section 8 for protective equipment and Section 13 for disposal considerations.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for Safe Handling:

Avoid contact with eyes, skin, and clothing. Wash thoroughly after use.

### 7.2 Conditions for Safe Storage, Including any Incompatibilities:

Keep away from excessive heat and cold. Keep out of the reach of children.

### 7.3 Specific end use(s):

Printer Cartridge

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control Parameters:

Chemical Name	Exposure Limits
Hydroxy alkylated lactam	None Established
Substituted naphthalene sulfonate salt # 13	None Established
Alcohols, C11-15-secondary, ethoxylated	None Established
1,2-Benzisothiazolin-3-one	None Established

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## 8.2 Exposure Controls:

**Engineering Controls:** Use in a well-ventilated area.

**Respiratory Protection:** None required.

**Skin Protection:** None normally required. Wear rubber gloves if needed to avoid skin contact.

**Eye Protection:** None normally required. Wear safety glasses if eye contact is possible.

**Other:** Not required.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic Physical and Chemical Properties:

<b>Appearance:</b> Ink cartridge containing a yellow liquid.	<b>Vapor Density:</b> >1 (1 = Air)
<b>Color:</b> Yellow	<b>Physical State:</b> Liquid in a cartridge
<b>Odor:</b> No odor	<b>Specific Gravity:</b> 1 – 1.2
<b>Odor Threshold:</b> Not applicable	<b>Water Solubility:</b> Soluble
<b>pH:</b> 7.1 – 7.7	<b>Octanol/Water Partition Coefficient:</b> Not determined
<b>Melting Point/Freezing Point:</b> Not determined	<b>Autoignition Temperature:</b> Not determined
<b>Boiling Point:</b> Not determined	<b>Decomposition Temperature:</b> Not determined
<b>Flash Point:</b> >110°C (>230°F) Setaflash CC	<b>Kinematic Viscosity:</b> > 2 cp
<b>Evaporation Rate:</b> Not determined	<b>Explosion Properties:</b> Not determined
<b>Flammability:</b> Not applicable	<b>Oxidizing Properties:</b> Not determined
<b>Flammable Limits:</b> LEL: Not determined UEL: Not determined	<b>VOC:</b> < 225 g/L EPA Method 24
<b>Vapor Pressure:</b> Not determined	<b>Relative Vapor Pressure @20°C (Air = 1):</b> Not determined
<b>Particle Characteristics:</b> Not applicable	

### 9.2 Other Information:

#### 9.2.1 Properties, Safety Characteristics and Test Results for Physical Hazards:

None determined.

#### 9.2.2 Other Safety Characteristics:

None determined.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity:

Not reactive under normal conditions of use.

### 10.2 Chemical Stability:

Stable.

### 10.3 Possibility of Hazardous Reactions:

None known.

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**10.4 Conditions to Avoid:**

None known.

**10.5 Incompatible Materials:**

Avoid strong oxidizers and strong bases.

**10.6 Hazardous Decomposition Products:**

Carbon dioxide, carbon monoxide, nitrogen oxides and low molecular weight hydrocarbons.

### SECTION 11: TOXICOLOGICAL INFORMATION

**11.1 Information on Toxicological Effects:**

**Eyes:** May cause mild eye irritation.

**Skin:** May cause mild skin irritation.

**Ingestion:** Swallowing large amounts may cause gastrointestinal irritation with nausea, vomiting and diarrhea.

**Inhalation:** No adverse effects expected during normal use.

**Chronic Health Effects:** None expected under normal use.

**Acute Toxicity Values:**

Product ATE:	LD50: >5,000 mg/kg LD50: >2,000 mg/kg	Oral
Hydroxy alkylated lactam	Not classified as acutely toxic	Dermal
Substituted naphthalene sulfonate salt # 13	Not classified as acutely toxic	
Alcohols, C11-15-secondary, ethoxylated	LD50: >2,000 mg/kg LD50: >2,000 mg/kg	Rat
1,2-Benzisothiazolin-3-one	LD50: 490 mg/kg LD50: >2,000 mg/kg	Oral Dermal

**Eye Irritation/ Damage:** May cause mild eye irritation.

**Skin Irritation / Corrosivity:** May cause mild skin irritation.

**Sensitization:** This product does not meet the classification criteria as a skin sensitizer. However, it contains 1,2-Benzisothiazolin-3-one and may produce an allergic reaction in sensitized individuals. None of the components are respiratory sensitizers.

**Specific Target Organ Toxicity:**

Single Exposure: No data available.

Repeat Exposure: No data available.

**Carcinogen Status:** None of the components of this product are classified as carcinogens by IARC, OSHA, NTP, ACGIH, or the EU CLP.

**Germ Cell Mutagenicity:** This product is not classified as a mutagen.

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**Toxicity for Reproduction:** This product is not classified as a reproductive hazard.

**Aspiration Hazard:** This product is not classified as an aspiration hazard.

## 11.2 Information on Other Hazards

**11.2.1 Endocrine Disrupting Properties:** None known

## SECTION 12: ECOLOGICAL INFORMATION

**12.1 Toxicity:** Not expected to be harmful to aquatic organisms.

Product: LC50/96 hr fathead minnow >750 mg/L.

Alcohols, C11-15-secondary, ethoxylated: LC50/96 hr.; Oncorhynchus mykiss 1.53 mg/L;

EC50/ 48 hr. Water flea (Daphnia magna) 5.66 mg/L

EC50/ 72 hr. Pseudokirchneriella subcapitata 1.03 mg/L

1,2-Benzisothiazolin-3-one: LC50/96 hr; Oncorhynchus mykiss 1.6 mg/L;

EC50/ 48 hr Water flea (Daphnia magna) 0.934 mg/L

EC50/ 72 hr Pseudokirchneriella subcapitata 70 ug/L

**12.2 Persistence and Degradability:**

No data available for product.

**12.3 Bioaccumulative Potential:**

No data available for product.

**12.4 Mobility in Soil:**

No data available for product.

**12.5 Results of PBT and vPvB Assessment:**

Product does not meet the criteria for PBT or vPvB.

**12.6 Endocrine disrupting Properties:**

None known

**12.7 Other Adverse Effects:**

None

## SECTION 13: DISPOSAL INFORMATION

**13.1 Waste Treatment Methods**

Dispose in accordance with local, state, or provincial and federal or national regulations.

## SECTION 14: TRANSPORT INFORMATION

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Transport Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
US DOT	None	Not regulated for transport	None	None	No

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<b>EU ADR/RID</b>	None	Not regulated for transport	None	None	No
<b>IATA:</b>	None	Not regulated for transport	None	None	No
<b>IMDG</b>	None	Not regulated for transport	None	None	No

**14.6 Special Precautions for User:**

None

**14.7 Transport in Bulk According to IMO Instruments:**

Not applicable

### SECTION 15: REGULATORY INFORMATION

**15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:**

**International Inventories:**

**US EPA TSCA Inventory:** All of the components are listed or exempt on the EPA TSCA inventory.

**Canadian Environmental Protection Act:** All of the components are listed on the Canadian DSL or NDSL.

**EU Inventory:** All of the components in this product are listed on or exempt from the EINECS inventory.

**Australian Regulations:** All of the components are listed on the Australian AICS inventory.

**Chinese Regulations:** All of the components are listed on the Inventory of Existing Chemical Substances of China (IECSC).

**Korean Regulations:** All of the components are listed on the Korean Existing Chemical List (KECL).

**Philippine Regulations:** This product is an article and not subject to chemical notification requirements.

**Japanese Regulations:** This product is an article and not subject to chemical notification requirements.

**New Zealand Regulations:** All of the components are listed on the New Zealand inventory.

**Taiwan Regulations:** All of the components are listed on the Taiwan Chemical Substance Inventory (TCSI).

**U.S. REGULATIONS**

**CERCLA:** Spills of this product are required to be reported to the National Response Center. Many states have more stringent release reporting requirements. Report spills required under federal, state, and local regulations.

**EPA SARA 302:** This product does not contain chemicals regulated under SARA Section 302.

**EPA SARA 311 Hazard Classification:** Classified as per Section 2 of this SDS

**EPA SARA 313:** This product contains the following chemicals that are regulated under SARA Title III, section 313: None

**California Proposition 65:** This product contains the following chemicals which are known to the State of California to cause cancer, reproductive toxicity, or birth defects: None.

**INTERNATIONAL REGULATIONS**

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**German WGK:** Not determined.

**Other EU Regulations:** This product is classified and labeled in accordance with EC CLP following the rules on mixture classification. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006 (REACH)

**Regulation (EC) No. 1907/2006, REACH Article 59(1) Candidate List as currently published by ECHA:** Not listed.

**Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorization:** Not listed.

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended:** Not listed.

**JAPAN:**

**Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc.:** Not regulated.

Alcohols, C11-15-secondary, ethoxylated      MITI Number: 7-97  
**Priority Assessment Chemical Substance:** Listed

**Japan ISHA:** Not listed.

**Poisonous and Deleterious Substances Control Act:** Not listed.

**Air Pollution Control Act:** Not listed.

**Water Pollution Prevention Act:** Not listed.

**Soil Contamination Countermeasures Act:** Not listed.

**Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof (PRTR-SDS Law):**

Alcohols, C11-15-secondary, ethoxylated      MITI Number: 7-97  
**PRTR-SDS Law:** Listed

### 15.2 Chemical Safety Assessment:

Not required

## SECTION 16: OTHER INFORMATION

**NFPA Codes:**      **Health:** 1      **Fire:** 0      **Instability:** 0  
**HIMS Codes:**      **Health:** 1      **Fire:** 0      **Physical Hazard:** 0

**GHS Phrases for Reference (See Section 2 and 3):**  
Acute Aqua. Tox. 1 – Acute Aquatic Toxicity Category 1

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Acute Tox 4 – Acute Toxicity Category 4  
Chronic Aquatic Tox. 2 – Chronic Aquatic Toxicity Category 2  
Chronic Aquatic Tox. 3 – Chronic Aquatic Toxicity Category 3  
Eye Dam. 1 – Eye Damage Category 1  
Skin Irrit. 2 – Skin Irritation Category 2  
Skin Sens. 1 – Skin Sensitization Category 1  
H302 Harmful if swallowed  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction  
H318 Causes serious eye damage  
H400 Very toxic to aquatic life  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

This SDS conforms to Regulation (EU) No. 1907/2006 and 2020/878, US OSHA Hazcom 2012 (29 CFR1910.1200), Canada WHMIS 2015, and the GHS. This SDS conforms to the Japanese GHS criteria.

**Date of current revision:** December 14, 2022

**Revision Summary:** Change to format for (EU) No. 2020/878, US OSHA Hazcom (29 CFR1910.1200), Canada WHMIS, and to conform to the Japanese GHS criteria. Change in listed components Change to all sections.

**Date of previous revision:** February 21, 2020

**Gensuite Approval Date:**

**SDS Prepared By:** Chemical Review Team (CRT)