

SAFETY DATA SHEET

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

SDS Website: www.pb.com/sds

1.4 Emergency Telephone Number

Emergency Spill Information	<i>203-922 5340</i>	<i>00-1-203-922 5340</i>
	<i>North America</i>	<i>International</i>

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.

SAFETY DATA SHEET

SDS Number:	293, REV H PITNEY BOWES, INC.	Effective Date:	February 11, 2010
		Revised Date:	December 14, 2022
Product Name:	Yellow Ink Cartridge (CG345A)	Page:	2 of 9

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-Benzisothiazoli n-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 \geq 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

SAFETY DATA SHEET

SDS Number:	293, REV H PITNEY BOWES, INC.	Effective Date: Revised Date:	February 11, 2010 December 14, 2022
Product Name:	Yellow Ink Cartridge (CG345A)	Page:	3 of 9

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

SAFETY DATA SHEET

SDS Number:	293, REV H PITNEY BOWES, INC.	Effective Date: Revised Date:	February 11, 2010 December 14, 2022
Product Name:	Yellow Ink Cartridge (CG345A)	Page:	4 of 9

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:

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

SAFETY DATA SHEET

SDS Number:	293, REV H PITNEY BOWES, INC.	Effective Date: Revised Date:	February 11, 2010 December 14, 2022
Product Name:	Yellow Ink Cartridge (CG345A)	Page:	5 of 9

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

SAFETY DATA SHEET

SDS Number:	293, REV H PITNEY BOWES, INC.	Effective Date: Revised Date:	February 11, 2010 December 14, 2022
Product Name:	Yellow Ink Cartridge (CG345A)	Page:	6 of 9

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

SAFETY DATA SHEET

SDS Number:	293, REV H PITNEY BOWES, INC.	Effective Date: Revised Date:	February 11, 2010 December 14, 2022
Product Name:	Yellow Ink Cartridge (CG345A)	Page:	7 of 9

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

SAFETY DATA SHEET

SDS Number:	293, REV H PITNEY BOWES, INC.	Effective Date: Revised Date:	February 11, 2010 December 14, 2022
Product Name:	Yellow Ink Cartridge (CG345A)	Page:	8 of 9

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

SAFETY DATA SHEET

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

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)