

SAFETY DATA SHEET

SDS Number:	288, REV J – US version PITNEY BOWES, INC.	Effective Date: Revised Date:	February 19, 2009 June 17, 2024
Product Name:	Black Ink Cartridge (CG346A, CG347A, CG331A, CG342A)	Page:	1 of 7

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

Product Identifier

Trade Name: Reorder Number: Black Ink Cartridge (CG331A, CG342A, CG346A, CG347A)
787-BP, 787-2, 787-3, 789-BP, 78P-K, 78P-B, 78P-Z, SL-787-3

Relevant Identified Uses of the Substance or Mixture and Uses Advised Against Product Use: Printer Cartridge

Details of the Supplier of the Safety Data Sheet
Manufacturer:

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

Canada Distributer:
Pitney Bowes Ltd.
5500 Explorer Drive
Mississauga, Ontario
L4W 5C7
Canada

Information Phone Number:
800-243-7824

905-619-7861

E-mail:

ehs@pb.com

SDS Website:

www.pb.com/sds

Emergency Telephone Number

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

SDS Date of Preparation: June 17, 2024

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

US OSHA Hazcom 2024: (29 CFR1910.1200)/ Canada WHMIS 2015/ GHS Classification:

Physical:	Health:
Non-Hazardous	Toxic to Reproduction Category 2

Label Elements:

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WARNING!



Hazard Phrases

H361	Suspected of damaging fertility or the unborn child.
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Precautionary Phrases

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P280	Wear protective gloves, protective clothing, and eye protection.
P308 + P313	IF exposed or concerned: Get medical attention.
P405	Store locked up.
P501	Dispose of contents and container in accordance with local and national regulations.

Other Hazards: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances:

Chemical Name	CAS#	%
Water	7732-18-5	65-85
Hydroxy alkylated lactam*	Proprietary	<15
Azonaphthalenesulfonate salt*	Proprietary	<2.5
Substituted naphthalenesulfonate salt*	Proprietary	<2.5
Sodium Benzeneoxybispropylenesulfonate	119345-04-9	<1

*The specific chemical identity and concentration is withheld as a trade secret.

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. Suspected of damaging fertility.

4.3 Indication of any immediate medical attention and special treatment needed:

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Immediate medical treatment should not be required.

SECTION 5: FIRE FIGHTING MEASURES

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:

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Chemical Name	Exposure Limits
Hydroxy alkylated lactam*	None Established
Azonaphthalenesulfonate salt*	None Established
Substituted naphthalenesulfonate salt*	None Established
Sodium Benzeneoxybispropylenesulfonate	None Established

8.2 Exposure Controls:

Engineering Controls: None required.

Respiratory Protection: None required.

Skin Protection: None normally required. Avoid skin contact. 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 black liquid.	Relative Vapor Density: Not determined
Color: Black	Physical State: Liquid
Odor: No odor	Relative Density: Not determined
Odor Threshold: Not applicable	Water Solubility: Soluble
pH: 7.5-8.5	Octanol/Water Partition Coefficient: Not determined
Melting Point/Freezing Point: Not determined	Autoignition Temperature: Not determined
Initial boiling point and range: Not determined	Decomposition Temperature: Not determined
Flash Point: >110.0°C (>230°F) Setaflash CC	Kinematic Viscosity: Not determined
Evaporation Rate: Not determined	Explosion Properties: Not determined
Flammability: Not applicable	Oxidizing Properties: Not determined
Flammable Limits: LEL: Not determined UEL: Not determined	VOC: < 240 g/l
Vapor Pressure: Not determined	Particle Characteristics: Not applicable

9.2 Other Information:

None

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: Minimal irritant. Based on test data.

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. Prolonged intentional inhalation may result in respiratory tract irritation.

Chronic Health Effects: Suspected of damaging fertility.

Acute Toxicity Values:

Product ATE:	LD50: >5,000 mg/kg	Oral
	LD50: >2,000 mg/kg	Derm
Hydroxy alkylated lactam:	Not acutely toxic	
Substituted naphthalenesulfonate salt:	Not acutely toxic	
Sodium Benzeneoxybispropylenesulfonate:	LD50: >2,000 mg/kg	Rat
	LD50: >2,000 mg/kg	Rabbit
		Oral
		Derm

Eye Irritation/ Damage: Not classified. Minimal irritant based on test data.

Skin Irritation / Corrosivity: Not classified. May cause mild skin irritation.

Sensitization: This product does not meet the classification criteria as a skin sensitizer.

Specific Target Organ Toxicity:

Single Exposure: No data available.

Repeat Exposure: No data available.

Carcinogen Status: Not classified. None of the components of this product are classified as carcinogens by IARC, OSHA, NTP, or ACGIH

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

Toxicity for Reproduction: This product contains Sodium Benzeneoxybispropylenesulfonate which is suspected of damaging fertility.

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

SECTION 12: ECOLOGICAL INFORMATION

Toxicity:

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

Persistence and Degradability:

No data available for product.

Bioaccumulative Potential:

No data available for product.

Mobility in Soil:

No data available for product.

Results of PBT and vPvB Assessment:

Not required.

Other Adverse Effects:

None.

SECTION 13: DISPOSAL INFORMATION

Waste Treatment Methods

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

SECTION 14: TRANSPORT INFORMATION

	UN Number	UN Proper Shipping Name	Transport Hazard Class(s)	Packing Group	Environmental Hazards
US DOT	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

Special Precautions for User:

None

Transport in Bulk According to IMO Instruments:

Not applicable

SECTION 15: REGULATORY INFORMATION

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.

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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).

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.

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 does not contain substances known to the state of California to cause cancer and/or reproductive toxicity.

SECTION 16: OTHER INFORMATION

NFPA Codes: Health: 1 Fire: 0 Instability: 0

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

*Chronic health hazard

This SDS conforms to US OSHA Hazcom 2024 (29 CFR1910.1200) and the GHS.

Date of current revision: June 17, 2024

Revision Summary: Revision to US SDS. Update to current OSHA Hazcom 2024 format.
Changes to all sections.

Date of previous revision: December 15, 2022