

SAFETY DATA SHEET

SDS Number:	288, REV J – EU 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 8

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

1.1 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

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:

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

E-mail: ehs@pb.com +44(0) 8705 252 525

SDS Website: www.pb.com/sds

1.4 Emergency Telephone Number

Emergency Spill Information

00-1-203-922 5340
International

SDS Date of Preparation: June 17, 2024

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

CLP/GHS Classification (1272/2008): Not classified as hazardous.

2.2 Label Elements:

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

2.3 Other Hazards: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:

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Chemical Name	CAS#	EINECS# / REACH Reg No.	GHS Classification	%
2,7-Naphthalenedisulfonic acid, -4-amino-5-hydroxy-, coupled with 3-aminophenol, diazotized 5-amino-2-[(4-aminophenyl)amino]benzenesulfonic acid and diazotized benzenamine, salts	Not Required*	Not Required*	Eye Irrit. 2 (H319) Chronic Aquatic 3 (H412)	<2.5
Substituted naphthalene sulfonate salt	85585-91-7	423-940-7	Eye Dam. 1 (H318) Chronic Aquatic 2 (H411)	<2.5
Sodium Benzeneoxybispropyle nesulfonate	119345-04-9	601-601-6	Eye Dam. 1 (H318) Reproto. Tox. 2 (H361f)	<0.3
1,2-Benzisothiazolin-3-one	2634-33-5	220-120-9	Acute Tox. 4 (H302) ATE: 490 mg/kg Skin Irrit. 2 (H315) Skin Sens. 1A (H317) SCL: ≥ 0.05% Eye Dam. 1 (H318) Aquatic Acute 1 (H400) M Factor = 1 Aquatic Chronic 2 (H411)	<0.05

See Section 16 for further information on GHS Classification.

*2,7-naphthalenedisulfonic acid, 4-amino-5-hydroxy-, coupled with 3-aminophenol, diazotized 5-amino-2-[(4-aminophenyl)amino]benzenesulfonic acid and diazotized benzenamine, salts:

EU Alternative Chemical Name approved per ECHA Decision Number ACC-XV896528-75.

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.

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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:

Chemical Name	Exposure
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2,7-Naphthalenedisulfonic acid, -4-amino-5-hydroxy-, coupled with 3-aminophenol, diazotized 5-amino-2-[(4-aminophenyl)amino] benzenesulfonic acid and diazotized benzenamine, salts	None Established
Substituted naphthalene sulfonate salt	None Established
Sodium Benzeneoxybispropylenesulfonate	None Established
1,2-Benzisothiazolin-3-one	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:

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.

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10.2 Chemical Stability:

Stable.

10.3 Possibility of Hazardous Reactions:

None known.

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. Based on test data.

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 mild respiratory tract irritation.

Chronic Health Effects: None expected under normal use.

Acute Toxicity Values:

Product ATE:	LD50: >5,000 mg/kg LD50: >2,000 mg/kg	Oral Dermal	
2,7-Naphthalenedisulfonic acid, -4-amino-5-hydroxy-, coupled with 3-aminophenol, diazotized 5-amino-2-[(4-aminophenyl)amino]benzenesulfonic acid and diazotized benzenamine, salts:	Not acutely toxic		
Substituted naphthalene sulfonate salt:	Not acutely toxic		
Sodium Benzeneoxybispropylenesulfonate	Not acutely toxic		
1,2-Benzisothiazolin-3-one:	LD50: 490 mg/kg LD50: >2,000 mg/kg	Rat Rat	Oral Dermal

Eye Irritation/ Damage: Based on available data, the classification criteria are not met.

Skin Irritation / Corrosivity: Based on available data, the classification criteria are not met.

Sensitization: Based on available data, the classification criteria are not met. Product contains 1,2-Benzisothiazolin-3-one and may produce an allergic reaction in sensitized individuals. None of the components are respiratory sensitizers.

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Specific Target Organ Toxicity Single Exposure (STOT-SE): Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity Repeated Exposure (STOT-RE): Based on available data, the classification criteria are not met.

Carcinogen Status: Based on available data, the classification criteria are not met.

Germ Cell Mutagenicity: Based on available data, the classification criteria are not met.

Toxicity for Reproduction: Based on available data, the classification criteria are not met.

Aspiration Hazard: Based on available data, the classification criteria are not met.

11.2 Information on Other Hazards

11.2.1 Endocrine Disrupting Properties: None known.

11.2.2 Other Information: No additional information.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

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

Not required.

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.

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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
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.

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.

INTERNATIONAL REGULATIONS

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:

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Not listed.

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

15.2 Chemical Safety Assessment:

Not required

SECTION 16: OTHER INFORMATION

GHS Phrases for Reference (See Section 2 and 3):

Acute Aquatic Tox 1 – Acute Aquatic Toxicity Category 1

Acute Tox 4 – Acute Toxicity Category 4

Chronic Aquatic 2 – Chronic Aquatic Toxicity Category 2

Chronic Aquatic 3 – Chronic Aquatic Toxicity Category 3

Eye Dam. 1 – Eye Damage Category 1

Eye Irrit. 2 – Eye Irritation Category 2

Repro. Tox. 2 – Toxic to Reproduction Category 2

Skin Irrit. 2 – Skin Irritation Category 2

Skin Sens. 1A – Skin Sensitization Category 1A

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H361f Suspected of damaging fertility.

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) 1907/2006, Regulation (EC) 1272/2008 and Regulation (EC) 2020/878, and the GHS.

Date of current revision: June 17, 2024

Revision Summary: Revision to EU SDS. Update to current EU format. Changes to all sections.

Date of previous revision: December 15, 2022