

SAFETY DATA SHEET

SDS Number:	407, REV A PITNEY BOWES, INC.	Effective Date:	December 10, 2018
		Revised Date:	N/A
Product Identifier:	Foam Swab with Triethylene Glycol MW90043	Page:	1 of 7

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

- 1.1 Product Identifier** **Foam Swab with Triethylene Glycol**
Reorder Number: MW90043
- 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against Product Use:** Office Equipment Cleaner.
- 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

Information Phone Number:
800-243-7824

E-mail:

SDS Website: | UK Facility:
Pitney Bowes Ltd.
Building Unit 5 Trident Place
Mosquito Way
Hatfield AL10 9UJ
United Kingdom

+44(0) 8705 252 525

ehs@pb.com

www.PB.com/SDS | Canada Distributer:
Pitney Bowes Ltd.
5500 Explorer Drive
Mississauga, Ontario
L4W 5C7
Canada

905-619-7861 |
|--|---|---|
- 1.4 Emergency Telephone Number**
- | | | |
|------------------------------------|--------------------------------------|---|
| Emergency Spill Information | 203-922 5340
<i>North America</i> | 00-1-203-922 5340
<i>International</i> |
|------------------------------------|--------------------------------------|---|
- SDS Date of Preparation:** December 10, 2018

SECTION 2: HAZARDS IDENTIFICATION
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- 2.1 Classification of the Substance or Mixture**
- CLP/GHS Classification (1272/2008):** Not classified as hazardous.
- 2.2 Label Elements:** None required.
- Hazard Phrases: None
- Precautionary Phrases: None
- 2.3 Other Hazards:** None

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This product consists of a foam swab saturated with triethylene glycol.

3.1 Substances:

Chemical Name	CAS#	EINECS#	GHS Classification Regulation (EC) No 1272/2008	%
Triethylene Glycol	112-27-6	203-953-2	Not Hazardous	100

See Section 16 for further information GHS Classification.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

Eyes: Flush with plenty of water. Get medical attention if irritation persists.

Skin: Wash with soap and water. Get medical attention if irritation persists.

Inhalation: None expected under normal use conditions. If symptoms develop, move to fresh air. If irritation persists, get medical attention.

Ingestion: None expected under normal use conditions. If ingestion should occur, do not induce vomiting unless directed to by a doctor or physician. Get medical attention if large amounts are swallowed.

4.2 Most Important symptoms and effects, both acute and delayed: May cause mild eye and skin irritation. Swallowing large amounts may cause gastrointestinal irritation, nausea, and vomiting.

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

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media:

Use fire-extinguishing media suitable for the surrounding fire.

5.2 Special Hazards Arising from the Substance or Mixture

Unusual Fire and Explosion Hazards: None expected.

Hazardous Decomposition Products: Carbon dioxide and carbon monoxide.

5.3 Advice for Fire-Fighters:

Wear self-contained breathing apparatus and protective clothing for all interior fires and those involving chemicals.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid contact with eyes. Avoid prolonged skin contact.

6.2 Environmental Precautions:

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

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6.3 Methods and Material for Containment and Cleaning Up:

Large Spill: Not sold in large quantities.

Small Spill: Collect swabs and place in an appropriate container for disposal. Wipe up any liquid with an absorbent material and place in a container for disposal.

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 swab contact with eyes. Use with adequate ventilation. Wash hands after use.

7.2 Conditions for Safe Storage, Including any Incompatibilities:

Store in a cool, dry, well-ventilated area. Keep out of the reach of children. Keep package closed.

7.3 Specific end use(s):

Office Equipment cleaner

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Chemical Name	Exposure Limits
Triethylene glycol	1000 mg/m ³ TWA, 2000 mg/m ³ STEL inhalable aerosol and vapor Germany

8.2 Exposure Controls:

Engineering Controls: General office ventilation is adequate under normal use conditions.

Respiratory Protection: None required under normal use conditions.

Skin Protection: None required under normal use conditions. Wear protective gloves as needed to avoid prolonged or repeated skin contact.

Eye Protection: None required under normal use conditions. Safety glasses recommended if eye contact is possible.

Other: None required under normal use conditions.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties:

Appearance: Swab saturated with a clear, colorless, odorless liquid	Vapor Density: 5.18
Odor: Practically odorless	Specific Gravity: 1.124
Odor Threshold: Not applicable	Water Solubility: 100%

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pH: Not determined	Octanol/Water Partition Coefficient: -1.98
Melting Point/Freezing Point: -7°C / 19°F	Autoignition Temperature: 347°C / 657°F
Boiling Point: 125-127°C / 257-261°F	Decomposition Temperature: Not determined
Flash Point: 166°C / 331°F	Viscosity: Not determined
Evaporation Rate: Not established	Explosion Properties: None
Flammable Limits: LEL: 0.9% UEL: 9.2%	Oxidizing Properties: No data available
Vapor Pressure: <1 hPa@20°C	VOC: Not determined

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

10.4 Conditions to Avoid:

None known.

10.5 Incompatible Materials:

Avoid strong oxidizing agents, acids, and alkalis.

10.6 Hazardous Decomposition Products:

Carbon dioxide and carbon monoxide.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Eyes: Contact with swab may cause mild irritation.

Skin: Prolonged or repeated contact may cause mild irritation.

Ingestion: Ingestion is unlikely due to the product form. Swallowing large amounts may cause gastrointestinal irritation, nausea, and vomiting. May cause metabolic acidosis.

Inhalation: No adverse effects are expected from normal use.

Acute Toxicity Values:

Triethylene glycol:	LD50: 17,000 mg/kg	Rat	Oral
	LD50: 22,460	Rabbit	Dermal
	LC50: >3.9 mg/L/4 hr	Rat	Inhalation

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Irritation: May cause mild eye and skin irritation. Triethylene glycol causes only mild, transient eye irritation and no skin irritation in animal studies.

Corrosivity: This is not a corrosive product.

Sensitization: Triethylene glycol is not classified as a skin sensitizer.

Specific Target Organ Toxicity:

Single Exposure: No adverse effects observed in short term studies.

Repeat Exposure: No adverse effects were observed in a 2-year feeding study in rats and a 13-month inhalation study in rats.

Carcinogen Status: Triethylene glycol is not listed as a carcinogen by OSHA, ACGIH, IARC, NTP, or the EU CLP.

Germ Cell Mutagenicity: Triethylene glycol was negative in in-vitro and in-vivo tests.

Toxicity for Reproduction: Triethylene glycol did not cause significant adverse reproductive or developmental effects in studies with rats and mice.

Aspiration Hazard: Not an aspiration hazard.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

LC50/96 hr >100 mg/L leuciscus idus,
EC50/48 hr 46,500 mg/L daphnia magna

12.2 Persistence and Degradability:

Triethylene glycol is readily biodegradable.

12.3 Bioaccumulative Potential:

Triethylene glycol has a low potential for bioaccumulation.

12.4 Mobility in Soil:

Triethylene glycol is highly mobile in soil.

12.5 Results of PBT and vPvB Assessment:

Triethylene glycol does not meet the criteria of PBT or vPvB.

12.6 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 Environmenta l Hazards
US DOT	None	Not regulated for transport	None	None	No
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 Annex II of MARPOL 73/78 and the IBC Code:

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 on the TSCA inventory.

Canadian Environmental Protection Act: All of the ingredients are listed on the Canadian Domestic Substances List.

Australian Regulations: All of the ingredients of this product are listed on the Australian Inventory of Chemical Substances (AICS).

Korean Regulations: Components of this product are not all listed on the Korean Existing Chemical List (KECL).

Philippine Regulations: Components of this product are not all listed on the Philippine Inventory of Chemicals and Chemical Substances (PICCS).

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

New Zealand Regulations: All of the components of this product are listed on the New Zealand Inventory of Chemicals (NZIoC).

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

U.S. REGULATIONS

CERCLA Section 103: This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal,

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state and local regulations.

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

EPA SARA 311 Hazard Classification: As per OSHA GHS classification in 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

German WGK: Not determined.

15.2 Chemical Safety Assessment:
Not required

SECTION 16: OTHER INFORMATION

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

GHS Phrases for Reference (See Section 2 and 3):
None

Date of current revision: December 10, 2018

Revision Summary: New SDS. Emergency spill information number updated in November 2020

Date of previous revision: N/A

Gensuite Approval Date: December 10, 2018

SDS Prepared By: Chemical Review Team (CRT)