

SAFETY DATA SHEET

SDS Number:	198, REV E PITNEY BOWES, INC.	Effective Date:	June 25, 1998
Product Name:	Pitney Bowes Wet Alcohol Wipes	Revised Date:	April 16, 2007
		Page:	1 of 5

SECTION 1 – IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name:	Pitney Bowes Wet Alcohol Wipes	
Reorder Number:	CK0-3	
Manufacturer:	Pitney Bowes Inc.	
Address:	1 Elmcroft Road, Stamford, CT 06926-0700	
For SDS Copies:	www.pb.com (go to search)	North America: 800-243-7824 <i>International:</i> 00 44 1279 449479
Emergency/Chemtrec:	800-424-9300 <i>North America</i>	00-1-703-527-3887 <i>International</i> (collect call)
MSDS Prepared By:	Chemical Review Board	
WHMIS Reviewed	April 16, 2007	

SECTION 2 – HAZARDS IDENTIFICATION

Emergency Overview:	Towelette saturated with a colorless liquid with an alcohol odor. Flammable liquid and vapors. May cause eye and skin irritation.
EU Preparation Classification (1999/45/EC):	Highly Flammable (F), Irritant (Xi), R11, R36, R67

See Section 16 for full text of EC Classification and R Phrases

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS NO./EINECS NO.	%	EC SUBSTANCE CLASSIFICATION (67/548/EEC)
Isopropanol (Isopropyl Alcohol) (Pad Solution)	67-63-0 / 200-661-7	99.6-100%	F, Xi, R11, R36, R67

See Section 16 for full text of EC Classification and R Phrases

SECTION 4 – FIRST AID MEASURES

Eyes:	Immediately flush eyes with plenty of cool to lukewarm water for at least 15 minutes, holding eyelids open to assure thorough rinsing. Get medical attention if irritation persists.
Skin:	Wash with soap and water. If irritation develops or persists, get medical attention.
Ingestion:	Ingestion is unlikely with this product, however if it occurs, DO NOT induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get medical attention.
Inhalation:	If symptoms occur, remove person to fresh air. If irritation or pulmonary symptoms develop, consult a physician.

SECTION 5 – FIRE FIGHTING PROCEDURES

Extinguishing Media:	Use alcohol-resistant foam, carbon dioxide or water spray to extinguish the fire.
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SDS Number:	198, REV E PITNEY BOWES, INC.	Effective Date:	June 25, 1998
Product Name:	Pitney Bowes Wet Alcohol Wipes	Revised Date:	April 16, 2007
		Page:	2 of 5

SECTION 5 – FIRE FIGHTING PROCEDURES

Fire Fighting Instructions:	Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored. Cool fire exposed containers with water.
Unusual Fire and Explosion Hazards:	High concentrations of vapors in a confined area may present a fire and explosion hazard.
Known or Anticipated Hazardous Products of Combustion:	May produce carbon monoxide and carbon dioxide.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Accidental Release Measures:	Ventilate the area and eliminate ignition sources.
Personal Precautions:	Avoid contact with eyes.
Environmental Precautions:	Avoid release to the environment.
Methods for Cleanup:	
Large Spill:	Contain and collect into a suitable container.
Small Spill:	Collect towels for reuse or disposal in a suitable container.

SECTION 7 – HANDLING AND STORAGE

Handling:	Avoid contact with eyes. Keep product away from heat and sources of ignition. Use with adequate ventilation. Wash thoroughly after handling.
Storage:	Store in a cool, dry, well-ventilated area. Keep away from heat, sparks and open flames. Keep out of the reach of children.
Other Precautions:	None required.

SECTION 8 - EXPOSURE CONTROLS & PERSONAL PROTECTION

Occupational Exposure Limits:	
Isopropyl Alcohol United States	200 ppm TWA ACGIH-TLV, 400 ppm STEL ACGIH-TLV
United Kingdom	400 ppm ³ TWA OSHA-PEL 400 ppm TWA, 500 ppm STEL UK WEL
Engineering Controls:	None required with normal use.
Ventilation Requirements:	General office ventilation is adequate under normal use conditions.
Personal Protective Equipment:	
Eye/Face Protection:	None required under normal use conditions.
Skin Protection:	None required under normal use conditions.
Respiratory Protection:	None required under normal use conditions.
Other Protective Clothing or Equipment:	None required under normal use conditions.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Towelette saturated with a colorless liquid with an alcohol odor.
Boiling Point:	180°F (saturating solution)
Freezing Point:	-88°C
Octanol/Water Partition Coefficient:	Not applicable
Odor:	Rubbing Alcohol

SAFETY DATA SHEET

SDS Number:	198, REV E PITNEY BOWES, INC.	Effective Date:	June 25, 1998
Product Name:	Pitney Bowes Wet Alcohol Wipes	Revised Date:	April 16, 2007
		Page:	3 of 5

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Odor Threshold:	Not available
Percent Volatile:	100% of the saturating solution
pH Value:	7
Physical State:	Towelette saturated with a liquid
Reactivity in Water:	None
Solubility in Water:	Miscible
Specific Gravity or Density (Water=1):	0.785 (saturating solution)
Vapor Density:	2.07 (air=1)
Vapor Pressure:	33 mgHg @ 20°C
Volatile Organic Compounds:	100% of saturating solution
Flammable Limits in Air (% by Volume):	LEL: 2.0% (isopropanol) UEL: 12.0% (isopropanol)
Flash Point:	53°F (59°C) TAG CC (saturating solution)
Autoignition Temperature:	750°F (399°C)

SECTION 10 – STABILITY AND REACTIVITY

Stability:	Stable
Incompatibility With Other Materials:	Strong acids and alkalis, reactive metals and strong oxidizing.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide.
Hazardous Polymerization:	Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Relevant Routes of Exposure:	Skin contact, inhalation, eyes
Potential Health Effects:	
Eyes:	Direct may cause irritation with redness, tearing and blurred vision. Vapors may cause irritation.
Skin:	Prolonged skin contact may cause irritation, drying of the skin and dermatitis.
Ingestion:	Ingestion is unlikely due to the product form. Swallowing large amounts may cause gastrointestinal irritation, nausea, vomiting, dizziness and drowsiness.
Inhalation:	Excessive inhalation may cause respiratory irritation, coughing, shortness of breath, nausea, dizziness, loss of coordination, drowsiness, loss of consciousness and other symptoms of central nervous system depression.
Medical Conditions Generally Aggravated By Exposure:	Pre-existing skin disorders may be aggravated by prolonged exposure to this product.
Carcinogenicity:	
NTP:	No
IARC:	No
OSHA:	No
ACGIH:	No
EU:	No

SAFETY DATA SHEET

SDS Number:	198, REV E PITNEY BOWES, INC.	Effective Date:	June 25, 1998
Product Name:	Pitney Bowes Wet Alcohol Wipes	Revised Date:	April 16, 2007
		Page:	4 of 5

SECTION 11 – TOXICOLOGICAL INFORMATION

OTHER:	No		
Acute Toxicity Data	No animal testing has been conducted on this product as sold. The data reported below is the available data for the product components obtained from the published literature.		
VALUE	ANIMAL	ROUTES	COMPONENTS
LD50: 12,800 mg/kg	Rabbit	Dermal	Isopropanol
LD50: 5,045 mg/kg	Rat	Oral	Isopropanol
LC50: 16,000 ppm/8 hr	Rat	Inhalation	Isopropanol

SECTION 12 - ECOLOGICAL INFORMATION

Ecological Information:	Saturating Solution: Not classified as dangerous to aquatic organisms. Readily biodegradable.
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SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Considerations:	Dispose in accordance with local, state or provincial and federal or national regulations.
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SECTION 14 - TRANSPORT INFORMATION

U.S. DOT	
Proper Shipping Name:	Not Regulated (See Special Provision 47)
AIR - ICAO OR IATA	
Proper Shipping Name:	Not Regulated (See Special Provision A46)
WATER - IMDG	
Proper Shipping Name:	Not Regulated (See Special Provision 216)

SECTION 15 - REGULATORY INFORMATION

EU Regulations:	EU: All the components are listed on the EINECS inventory.	
EU Labeling:	 	<p>Highly Flammable R36 Irritating to eyes. R67 Vapors may cause drowsiness and dizziness. S16 Keep away from sources of ignition – No smoking. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</p>
Canadian Regulations:	CEPA: All of the components are listed on the Canadian DSL. WHMIS: Class B-2 Flammable Liquid; Class D, Division 2, Subdivision B, Toxic material causing other chronic effects.	
Japanese Regulations:	All of the components are listed on the METI inventory.	
Australian Regulations:	All of the components are listed in the AICS inventory.	
Korean Regulations:	All of the components are listed on the Korean KECL inventory.	

SAFETY DATA SHEET

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Product Name:	Pitney Bowes Wet Alcohol Wipes	Page:	5 of 5

SECTION 15 - REGULATORY INFORMATION

Philippine Regulations:	All of the components are listed in the Philippine PICCS inventory.
China Regulations:	All of the components are listed on the Inventory of Existing Chemical Substances in China.
US Federal Regulations:	This product contains chemical or chemical compounds listed in the following SARA Title III categories: Extremely Hazardous Substances (302): None Toxic Chemical Release Reporting (313): None SARA 311/312 Hazards: Acute Health, Fire TSCA: All the components of this product are listed in the EPA TSCA Inventory.
US State Regulations:	This product does not contain any chemicals subject to California Proposition 65.

SECTION 16 - OTHER INFORMATION

<u>NFPA Codes:</u>	
Health:	1
Flammability:	3
Reactivity:	0
<u>HMIS Codes:</u>	
Health:	1
Flammability:	3
Reactivity:	0
Protection:	
EU Classes and Risk Phrases for Reference (See Sections 2 and 3):	F Highly Flammable Xi Irritant R11 Highly Flammable R36 Irritating to eyes. R67 Vapors may cause drowsiness and dizziness.
Other Information:	Keep out of reach of children.