



SAFETY DATA SHEET

Issuing Date 08-January-2020

Revision Date 08-January-2020

Revision Number 5

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier Automatic Aerosol Mixture – All Scents

Product Name brightair® Automatic Spray Refill

Other means of identification

Synonyms Bright Air Auto refills, auto spray refill air freshener, auto spray aerosol, automatic spray refills

brightair® Automatic Spray Refill – Cool & Clean
brightair® Automatic Spray Refill – Lavender & Fresh Linen
brightair® Automatic Spray Refill – Mandarin Orange & Fresh Linen
brightair® Automatic Spray Refill – Winter Apple & Spice
brightair® Automatic Spray Refill – Winter Pine & Berries

Recommended use of the chemical and restrictions on use

Recommended Use Air Freshener

Details of the supplier of the safety data sheet

Supplier Address BPG International
3 Mill Road, Suite 202
Wilmington, DE 19806
T 302.656.7600

Emergency telephone number

Company Emergency Phone Number For Medical Emergencies call:
Rich Rosa – 302.472.1462

Transportation Emergencies call:
Rich Rosa – 302.472.1462

2. HAZARDS IDENTIFICATION

Classification

The OSHA Globally Harmonized System Safety Data Sheet (SDS) is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is manufactured, packaged, or stored in the workplace. The hazards described in this SDS are not intended for consumers, and does not address consumer use of the product. For information regarding consumer applications of this product, refer to the product label.

Hazard Category

Flammable Aerosols	Category 1
Gases Under Pressure	Compressed Gas
Eye Irritant	Category 2B
Skin Sensitization	Category 1

GHS Label elements, including precautionary statements**Hazard Pictograms****Signal word** Danger**Hazard statements**

Extremely flammable aerosol
 Contains gas under pressure; may explode if heated
 May cause eye irritation
 May cause an allergic skin reaction

Appearance N/A**Physical State** N/A**Odor** N/A**Precautionary Statements – Prevention**

Keep away from heat/sparks/open flames/hot surfaces – no smoking
 Do not spray on an open flame or other ignition source
 Pressurized container –Do not puncture or incinerate container, even after use
 Protect from sunlight – Do not expose to heat or store at temperature exceeding 50 °C/122 °F. Do not use near heat or flame
 If medical advice is needed, have the product label available

Eyes

May cause eye irritation

Skin

May cause an allergic skin reaction

Precautionary Statements – Pallet / Warehouse Storage

Keep away from extremely high or low temperatures, ignition sources, and incompatible materials. Store in a well-ventilated place.
 Keep container tightly closed. No Smoking.

Precautionary Statements – Disposal

Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Hazards not otherwise classified (HNOC) N/A**Unknown Toxicity** N/A**Other information** N/A**Interactions with Other Chemicals** N/A**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %	Trade Secret
Acetone	67-64-1	<74	*
Propane	74-98-6	<15	*
Butane	106-97-8	<15	*
Fragrance	Mixture	<4	*

* The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures

General Advice	Follow instruction for use. If concerned, obtain medical advice or attention.
Eye Contact	Immediately rinse with water. Remove any contact lenses and continue to rinse for at least 20 minutes. Obtain medical attention if irritation persists.
Skin Contact	If on skin, wash the area with soap and water.
Inhalation	Remove person to fresh air. If ill affects persist, seek medical attention.
Ingestion	Rinse mouth with water. Drink milk or water.
Protection of First-aiders	N/A

Most important symptoms and effects, both acute and delayed

Most Important Symptoms/Effects N/A

Indication of any immediate medical attention and special treatment needed

Notes to Physician N/A

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use carbon dioxide, alcohol-resistant foam, or dry chemical powder to extinguish fire

Unsuitable Extinguishing Media

Do not use heavy water stream. Use of heavy stream of water may spread fire.

Specific Hazards Arising from the Chemical

Flammable aerosol. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

Uniform Fire Code N/A

Hazardous Combustion Products

Carbon oxides (CO, CO₂), Nitrogen oxides, Hydrocarbons.

Explosion Data

Sensitivity to Mechanical Impact No

Sensitivity to Static Discharge No

Protective Equipment and Precautions for Firefighters

Exercise caution when fighting any chemical fire. Wear proper protective equipment, including self-contained positive pressure breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Keep away from heat, sparks, open flames, hot surfaces. No smoking. Use in a well-ventilated area. Avoid all eyes and skin contact. Handle in accordance with good industrial hygiene and safety practice.
Other Information	Evacuate unnecessary personnel. Wear self-contained positive pressure breathing apparatus during a fire.

Environmental precautions

Environmental Precautions	Avoid release to the environment. Prevent entry to sewer and public waters.
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Methods and material for containment and cleaning up

Methods for Containment	Eliminate all sources of ignition. Ventilate area. Cover spills with absorbent material.
Methods for Cleaning Up	Eliminate all sources of ignition. Ventilate area. Cover spills with absorbent material. Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material, then place in suitable container. Do not take up in combustible material such as: saw dust or cellulosic material. If spilled directly onto the ground, remove sufficient soil to ensure material is fully recovered. Use only non-sparking tools. Contact competent authorities after a spill.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling	Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source. Keep away from heat, sparks, open flames, hot surfaces. No smoking. Avoid breathing vapors, gas, mist, spray. Use in a well-ventilated area. Do not handle until all safety precautions have been read and understood. KEEP OUT OF REACH OF CHILDREN AND PETS.
Handling Temperature	≤ 50 °C (≤ 122 °F)
Hygiene Measures	Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Storage	Keep away for direct heat and flames. Store in a dry, cool and well-ventilated place. Keep containers tightly closed when not in use. Use with adequate ventilation. Do not expose to temperatures exceeding 50°C/ 122°F. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.
Incompatible Products	Strong acids. Strong bases. Strong oxidizers. Halogens. Air. Alkalis. Amines. Attacks some forms of plastics, rubber, and coatings.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH	OSHA PEL	NIOSH REL
Acetone (67-64-1)	250ppm(TWA)	1000ppm	250ppm
Propane (74-98-6)	NA	1000ppm	1000ppm
Butane (106-97-8)	1000ppm (STEL)	NA	800ppm

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Other Exposure Guidelines – In the work place/storage

Appropriate engineering controls / Engineering Measures

Ensure adequate ventilation, especially in confined areas. Use explosion-proof equipment. Proper grounding procedures to avoid static electricity should be followed. Ensure all national/local regulations are observed.

Individual protection measures, such as personal protective equipment

Eye/Face Protection	No special protection requirements
Skin and Body Protection	No special protection requirements
Respiratory Protection	No special protection requirements
Hygiene Measures	Comply with good industry hygiene and safety practices. Wash after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Liquid	Odor	Varies per fragrance
Appearance	Not Available (N/A)	Odor Threshold	N/A
Color	N/A		

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
pH	N/A	
Boiling Point/Range	No data available	
Flash Point	68.8 - 104.4 °C (155.92 – 219.92 °F)	Closed Cup
Evaporation rate	No data available	
Flammability (solid, gas)	No data available	
Flammability Limits in Air	No data available	
Vapor pressure	No data available	
Vapor density	No data available	
Specific Gravity	No data available	
Water Solubility	No data available	
Solubility in other solvents	No data available	
Partition coefficient: n-octanol/water	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity	No data available	
Explosive Properties	No data available	
Oxidizing Properties	No data available	

Other Information

Softening Point	No data available
Particle Size	No data available
Particle Size Distribution	No data available
Melting/freezing point	45°C / Not Established

Explosion Data – Sensitivity to Mechanical Impact: Note expected to present an explosion hazard due to mechanical impact.

Explosion Data – Sensitivity to Static Discharge: Static discharge could act as an ignition source.

10. STABILITY AND REACTIVITY

Reactivity

Reacts exothermically with some bases. Reacts with strong oxidants causing fire and explosion hazard.

Chemical stability

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Extreme risk of explosion by shock, friction, fire or other sources of ignition.

Possibility of Hazardous Reactions

No, Stable under recommended storage conditions.

Hazardous Polymerization

No

Conditions to avoid

Extremely high or low temperatures. Flames. Sources of ignition.

Incompatible materials

Strong oxidizing agents

Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating gases and vapors - Carbon oxides (CO, CO₂). Nitrogen oxides. Hydrocarbons. Aldehydes. Ketones. Organic compounds.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	N/A
Eye Contact	Eye Irritation
Skin Contact	May cause allergic reaction
Ingestion	N/A

Component Information N/A

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation

Information on toxicological effects

Symptoms N/A

Delayed and immediate effects as well as chronic effects from short and long-term exposure of Ingredient(s)

Sensitization	May cause an allergic skin reaction
Mutagenic Effects	Not classified
Carcinogenicity	Not classified

Chemical Name	ACGIH	IARC	NTP	OSHA

ACGIH: (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC: (International Agency for Research on Cancer)

Group 3 - Not Classifiable as to Carcinogenicity in Humans

Reproductive Toxicity	Not classified
STOT - single exposure	Not classified
STOT - repeated exposure	Not classified
Chronic Toxicity	Not classified
Target Organ Effects	N/A
Aspiration Hazard	Not classified

Information on Toxicological Effects - Ingredient(s) LD50 and LC50 Data:**Acetone (67-64-1)**

LD50 Oral Rat	5800 mg/kg
LD50 Dermal Rabbit	15688 mg/kg
LC50 Inhalation Rat	44 g/m ³

Propane (74-98-6)

LC50 Inhalation Rat	658 mg/l/4h
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Butane (106-97-8)

LC50 Inhalation Rat	30957 mg/m ³ (Exposure time: 4 h)
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Numerical measures of toxicity - Product Information

N/A

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)

N/A

ATEmix (dermal)

N/A

ATEmix (inhalation-dust/mist)

N/A

ATEmix (inhalation-vapor)

N/A

12. ECOLOGICAL INFORMATION

Toxicity

Ecology - General: Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Acetone (67-64-1)	
LC50 Fish 1	4144.846 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	1679.66 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC 50 Fish 2	6210 (6210 - 8120) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 2	12600 (12600 - 12700) mg/l (Exposure time: 48 h - Species: Daphnia magna)

Persistence and Degradability

Aerosol	
Persistence and Degradability	Not established.
Acetone (67-64-1)	
Persistence and Degradability	Readily biodegradable in water.

Bioaccumulation

Aerosol	
Bioaccumulative Potential	Not established.
Acetone (67-64-1)	
BCF Fish 1	0.69
Log Pow	-0.24
Log Kow	-0.24
Propane (74-98-6)	
Log Pow	2.3
Butane (106-97-8)	
Log Pow	2.89

Other Adverse Effects

N/A

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Methods Incineration or landfill in accordance with local, state, or federal regulations

Contaminated Packaging N/A

Chemical Name	California Hazardous Waste

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name: AEROSOLS, flammable
Hazard Class: 2.1
Identification Number: UN1950
Label Codes: 2.1

TDG

Proper Shipping Name: AEROSOLS, flammable
Hazard Class: 2.1
Identification Number: UN1950
Label Codes: 2.1

IATA

Proper Shipping Name: AEROSOLS, flammable
Hazard Class: 2
Identification Number: UN1950
Label Codes: 2.1
ERG Code (IATA) 10L

IMDG/IMO

Proper Shipping Name: AEROSOLS, flammable
Hazard Class: 2
Identification Number: UN1950
Label Codes: 2.1
EmS-No. (Fire) F-D
EmS-No. (Spillage) S-U

15. REGULATORY INFORMATION

International Inventories

TSCA Listed
 DSL Listed

U.S. Federal Regulations Compliant

SARA 313 Compliant

Aerosol	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard Fire hazard Sudden release of pressure hazard

Aerosol (67-64-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

EPA TSCA Regulatory Flag

T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.

Propane (74-98-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Butane (106-97-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Clean Water Act

Not regulated

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances

CERCLA

Not regulated

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ

U.S. State Regulations**California Proposition 65**

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois

International Regulations**Mexico**

N/A

National occupational exposure limits

Chemical Name	Carcinogen Status	Exposure Limits

Mexico - Occupational Exposure Limits - Carcinogens
A3 - Confirmed Animal Carcinogen

Canada

Yes

WHMIS Hazard Class

Yes

16. OTHER INFORMATION

All Ingredients are either listed on the TSCA Inventory or Exempted.

Department issuing data sheet: **Operations / Compliance Group**

Department E-mail address: Compliance@bpginternational.com

Issuing Date January 8, 2020

Revision Date January 8, 2020

Revision Note Update Section 1 product name and synonyms

General Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet