SAFETY DATA SHEET

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Revision date: 06-22-2018

Section 1 – Identification of the Substance/Mixture and of the Company/Undertaking

1.1 – Product Identifier

Product Number: **2660-0303**

Product Identifier: **Apple Air Freshener & Deodorizer**

1.3 – Details of the Supplier of the Safety Data Sheet

Sold By: Gabriel First Corp.
233 W. Commercial Street
East Rochester, NY 14445

Telephone: 585-381-7000

1.4 – Emergency Telephone Number

Emergency Telephone US: 800-424-9300

Recommended Use: Air Freshener

Recommended Restrictions: None known

Section 2 – Hazards Identification

2.1 – Classification of the Substance or Mixture

Physical Hazards:	Flammable aerosols.	Category 1
Health Hazards:	Serious eye damage/eye irritation.	Category 2A
	Specific target organ toxicity, single exposure.	Category 3 narcotic effects
Environmental Hazards:	Not classified.	
OSHA Defined Hazards:	Not classified.	

2.2 – Label Elements

Label Elements:

Signal Word: Danger

Hazard Statement: Extremely flammable aerosol. Causes serious eye irritation. May cause drowsiness or dizziness.

Precautionary Statement

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 pierce or burn, even after use. Avoid breathing gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear eye/face protection

Response: If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention. Collect spillage.

Storage: Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 – Other Hazards

Hazard(S) Not Otherwise Classified (HNOC): None known.

Supplemental Information: None.

Section 3 – Composition/Information on Ingredients

3.1 – Mixtures

Chemical Name	Common Name and Synonyms	CAS Number	%
Acetone		67-64-1	60 - 80
Butane		106-97-8	10 - 20
Propane		74-98-6	10 - 20
Other components below reportable levels			1 - 2.5

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

Section 4 – First Aid Measures

4.1 – Description of First Aid Measures

First Aid Measures After Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. Call a physician if symptoms develop or persist.

First Aid Measures After Skin Contact: Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.

First Aid Measures After Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.

First Aid Measures After Ingestion: Rinse mouth.

4.2 – Most Important Symptoms/Effects, Acute And Delayed

Most Important Symptoms/Effects, Acute and Delayed: May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of nose and throat. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Indication Of Immediate Medical Attention and Special Treatment Needed: Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

4.3 – General Information

General Information: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Section 5 – Fire-Fighting Measures

5.1 – Extinguishing Media

Suitable Extinguishing Media: Powder. Alcohol resistant foam. Water fog. Carbon dioxide (CO_2).

Unsuitable Extinguishing Media: Do not use water jet as an extinguisher, as this will spread the fire.

5.2 – Special Hazards Arising From the Substance or Mixture

Specific Hazards Arising From The Chemical: Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

5.3 – Advice for Firefighters

Special Protective Equipment and Precautions for Firefighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Fire-Fighting Equipment/Instructions: Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific Methods: Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

General Fire Hazards: Extremely flammable aerosol.

Section 6 – Accidental Release Measures

6.1 – Personal Precautions, Protective Equipment and Emergency Procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

6.2 – Methods and Materials for Containment and Cleaning Up

Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Prevent entry into waterways, sewer, basements or confined areas. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see Section 13 of the SDS.

6.3 – Environmental Precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

Section 7 – Handling and Storage

7.1 – Precautions for Safe Handling

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not re-use empty containers. Avoid breathing gas. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

7.2 – Conditions for Safe Storage, Including Any Incompatibilities

Level 3 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in a well-ventilated place. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS).

Section 8 – Exposure Controls/Personal Protection

8.1 – Control Parameters

Occupational Exposure Limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)		
Components	**Type**	**Value**
Acetone (CAS 67-64-1)	PEL	2400 mg/m3 1000 ppm
Propane (CAS 74-98-6)	PEL	1800 mg/m3 1000 ppm

US. ACGIH Threshold Limit Values		
Components	**Type**	**Value**
Acetone (CAS 67-64-1)	STEL	750 ppm
	TWA	500 ppm
Butane (CAS 106-97-8)	STEL	1000 ppm

US. NIOSH: Pocket Guide to Chemical Hazards		
Components	**Type**	**Value**
Acetone (CAS 67-64-1)	TWA	590 mg/m3 250 ppm
Butane (CAS 106-97-8)	TWA	1900 mg/m3 800 ppm
Propane (CAS 74-98-6)	TWA	1800 mg/m3 1000 ppm

Biological Limit Values ACGIH Biological Exposure Indices				
Components	**Value**	**Determinant**	**Specimen**	**Sampling Time**
Acetone (CAS 67-64-1)	50 mg/l	Acetone	Urine	*
* - For sampling details, please see the source document.				

8.2 – Exposure Controls

Appropriate Engineering Controls: Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Individual Protection Measures, Such As Personal Protective Equipment:

Eye/Face Protection: If contact is likely, safety glasses with side shields are recommended.

Hand Protection: Wear appropriate chemical resistant gloves.

Skin Protection

Other: Wear suitable protective clothing.

Respiratory Protection: If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

Thermal Hazards: Wear appropriate thermal protective clothing, when necessary.

General Hygiene Considerations: When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9 – Physical and Chemical Properties

9.1 – Information on Basic Physical and Chemical Properties

Appearance

Physical State: Gas.

Form: Aerosol.

Color: Clear colorless

Odor: Characteristic.

Odor Threshold: Not available.

pH: Not applicable estimated

Melting Point/Freezing Point: Not available.

Initial Boiling Point and Boiling Range: 132.89 °F (56.05 °C) estimated

Flash Point: -156.0 °F (-104.4 °C) Propellant estimated

Evaporation Rate: Not available.

Flammability (Solid, Gas): Not available.

Upper/Lower Flammability or Explosive Limits

Flammability Limit – Lower (%): 1.9 % estimated

Flammability Limit - Upper (%): 9.5 % estimated

Explosive Limit - Lower (%): Not available.

Explosive Limit - Upper (%): Not available.

Vapor Pressure: 60 - 70 psig @70°F estimated

Vapor Density: Not available.

Relative Density: Not available.

Solubility(ies)

Solubility (water): Not available.

Partition Coefficient (n-octanol/water): Not available.

Auto-ignition Temperature: Not available.

Decomposition Temperature: Not available.

Viscosity: Not available.

9.2 – Other Information

Specific Gravity: 0.694 estimated.

Section 10 – Stability and Reactivity

10.1 – Reactiviity

Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical Stability: Material is stable under normal conditions.

Possibility of Hazardous Reactions:	No dangerous reaction known under conditions of normal use. Hazardous polymerization does not occur.
Conditions to Avoid:	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials. Fire or intense heat may cause violent rupture of packages.
Incompatible Materials:	Acids. Strong oxidizing agents. Nitrates. Fluorine. Chlorine.
Hazardous Decomposition Products:	No hazardous decomposition products are known.

Section 11 – Toxicological Information

11.1 – Information on Likely Routes of Exposure

Ingestion:	Expected to be a low ingestion hazard.
Inhalation:	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.
Skin Contact:	Causes mild skin irritation.
Eye Contact:	Causes serious eye irritation.
Symptoms Related to the Physical, Chemical and Toxicological Characteristics:	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of nose and throat. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

11.2 – Information on Toxicological Effects

Acute Toxicity: Narcotic effects. Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

Components	Species	Test Results
Acetone (CAS 67-64-1)		
Acute *Dermal* LD50	Guinea pig	> 7426 mg/kg, 24 Hours > 9.4 ml/kg, 24 Hours
	Rabbit	> 7426 mg/kg, 24 Hours > 9.4 ml/kg, 24 Hours
Inhalation LC50	Rat	55700 ppm, 3 Hours 132 mg/l, 3 Hours 50.1 mg/l
Oral LD50	Rat	5800 mg/kg 2.2 ml/kg
Butane (CAS 106-97-8)		
Acute *Inhalation* LC50	Mouse	1237 mg/l, 120 Minutes 52 %, 120 Minutes
	Rat	1355 mg/l
Propane (CAS 74-98-6)		
Acute *Inhalation* LC50	Mouse	1237 mg/l, 120 Minutes 52 %, 120 Minutes
	Rat	1355 mg/l 658 mg/l/4h

* Estimates for product may be based on additional component data not shown.

Skin Corrosion/Irritation:	Causes mild skin irritation.
Serious Eye Damage/Eye Irritation:	Causes serious eye irritation.

Respiratory Or Skin Sensitization

Respiratory Sensitization: Not a respiratory sensitizer.

Skin Sensitization: This product is not expected to cause skin sensitization.

Germ Cell Mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

Reproductive Toxicity: This product is not expected to cause reproductive or developmental effects.

Specific Target Organ Toxicity – Single Exposure: May cause drowsiness and dizziness.

Specific Target Organ Toxicity – Repeated Exposure Not classified.

Aspiration Hazard: Not an aspiration hazard. Not likely, due to the form of the product.

Chronic Effects: Prolonged inhalation may be harmful.

Section 12 – Ecological Information

12.1 – Ecotoxity

Product		Species	Test Results
Apple Air Freshener & Deodorizer (CAS Mixture)			
Crustacea	EC50	Daphnia	20585 mg/L, 48 Hours
Fish	LC50	Fish	8146 mg/L, 96 Hours

Components		Species	Test Results
Acetone (CAS 67-64-1)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	21.6 - 23.9 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours

* Estimates for product may be based on additional component data not shown.

12.2 – Persistence and Degradability

No data is available on the degradability of this product.

12.3 – Bioaccumulative Potential

No data available.

Partition Coefficient n-Octanol / Water (Log Kow)	
Acetone	-0.24
Butane	2.89
Propane	2.36

12.4 – Mobility in Soil

No data available.

Other Adverse Effects: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Section 13 – Disposal Considerations

13.1 – Waste Treatment Methods

Disposal Instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local Disposal Regulations: Dispose in accordance with all applicable regulations.

Hazardous Waste Code: The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

US RCRA Hazardous Waste U List: Reference
Acetone (CAS 67-64-1) U002

Waste from Residues / Unused Products:	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated Packaging:	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container Is emptied. Do not re-use empty containers.

Section 14 – Transport Information

DOT

UN Number:	UN1950
UN Proper Shipping Name:	Aerosols, flammable, (each not exceeding 1 L capacity)
Transport Hazard Class(es)	
Class:	2.1
Subsidiary Risk:	-
Label(s):	2.1
Packing Group:	Not applicable.
Special Precautions For User:	Read safety instructions, SDS and emergency procedures before handling.
Special Provisions:	N82
Packaging Exceptions:	306
Packaging Non Bulk:	None
Packaging Bulk:	None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity.
Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

IATA

UN Number:	UN1950
UN Proper Shipping Name:	Aerosols, flammable
Transport Hazard Class(es)	
Class:	2.1
Subsidiary Risk:	-
Label(s):	2.1
Packing Group:	Not applicable.
Environmental Hazards:	No
Labels Required:	2.1
ERG Code:	10L
Special Precautions For User:	Read safety instructions, SDS and emergency procedures before handling.
Other Information	
Passenger and Cargo Aircraft:	Allowed.
Cargo Aircraft Only:	Allowed.
Packaging Exceptions:	LTD QTY

IMDG

UN Number:	UN1950
UN Proper Shipping Name:	AEROSOLS
Transport Hazard Class(es)	
Class:	2.1
Subsidiary Risk:	-
Label(s):	2.1
Packing Group:	Not applicable.
Environmental Hazards	
Marine Pollutant:	No
Labels Required:	2.1
EmS:	F-D, S-U
Special Precautions For User:	Read Safety Instructions, SDS And Emergency Procedures Before Handling.
Packaging Exceptions:	LTD QTY
Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:	Not applicable.

DOT

IATA IMGD

Section 15 – Regulatory Information

15.1 – US Federal Regulations

US Federal Regulations: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)
Acetone (CAS 67-64-1) LISTED

SARA 304 Emergency Release Notification:
Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories: Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - Yes
Pressure Hazard - Yes
Reactivity Hazard - No

SARA 302 Extremely Hazardous Substance: Not listed.

SARA 311/312 Hazardous Chemical: No

SARA 313 (TRI reporting): Not regulated.

Other Federal Regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Butane (CAS 106-97-8)
Propane (CAS 74-98-6

Safe Drinking Water Act (SDWA): Not regulated.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number
Acetone (CAS 67-64-1) 6532

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))
Acetone (CAS 67-64-1) 35 % WV

DEA Exempt Chemical Mixtures Code Number
Acetone (CAS 67-64-1) 6532

15.2 – US State Regulations

US. Massachusetts RTK - Substance List

Acetone (CAS 67-64-1)

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

US. New Jersey Worker and Community Right-to-Know Act

Acetone (CAS 67-64-1)

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

US. Pennsylvania Worker and Community Right-to-Know Law

Acetone (CAS 67-64-1)

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

US. Rhode Island RTK

Acetone (CAS 67-64-1)

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

Country(s) or Region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

Section 16 – Other Information

Revision Date: 06-22-2015

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.