





## AIR221 - Chuy Bubble Gum Air Freshener & Odor Eliminator

### SECTION 1: IDENTIFICATION

- 1.1 GHS Product identifier:** AIR221 - Chuy Bubble Gum Air Freshener & Odor Eliminator
- Other means of identification:**  
Not applicable (N/A)
- 1.2 Recommended use of the chemical and restrictions on use:**  
Relevant uses: Air freshener for vehicles  
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:**  
Chemical Guys  
3501 Sepulveda Blvd  
90505 Torrance - California - United States  
Phone: 866-822-3670 - Fax: 310-988-1061  
info@ChemicalGuys.com  
www.ChemicalGuys.com
- 1.4 Emergency phone number:** 866-822-3670

### SECTION 2: HAZARD(S) IDENTIFICATION

- 2.1 Classification of the substance or mixture:**  
**29 CFR 1910.1200:**  
Classification of this product has been carried out in accordance with paragraph (d) of § 1910.1200.  
Eye Irrit. 2A: Eye irritation, Category 2A, H319  
Flam. Liq. 3: Flammable liquids, Category 3, H226  
Skin Sens. 1: Sensitisation, skin, Category 1, H317
- 2.2 Label elements:**  
**29 CFR 1910.1200:**  
**Warning**
-  
- Hazard statements:**  
Eye Irrit. 2A: H319 - Causes serious eye irritation.  
Flam. Liq. 3: H226 - Flammable liquid and vapour.  
Skin Sens. 1: H317 - May cause an allergic skin reaction.
- Precautionary statements:**  
P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P264: Wash thoroughly after use.  
P280: Wear protective gloves/protective clothing/eye protection/protective footwear.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P370+P378: In case of fire: Use Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC) to extinguish.  
P501: Dispose of the contents/containers according to the local, state and federal regulations.
- Additional labeling:**

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## AIR221 - Chuy Bubble Gum Air Freshener & Odor Eliminator

### SECTION 2: HAZARD(S) IDENTIFICATION (continued)

Federal Hazardous Substances Act (FHSA) >> Irritant (Eyes)  
May irritate eyes. Do not get in eyes. Keep out of reach of children.

**FIRST AID TREATMENT**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do and continue rinsing. If eye irritation persists: Get medical advice/attention.

Contains .

Federal Hazardous Substances Act (FHSA) >> Strong sensitizer (dermal)  
May cause an allergic skin reaction. Wear gloves. Keep out of reach of children.

**FIRST AID TREATMENT**

If on skin, rinse well with water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Contains .

Federal Hazardous Substances Act (FHSA) >> Combustible.  
Combustible. Keep away from flames or sparks.

**2.3 Hazards not otherwise classified (HNOC):**

Not applicable (N/A)

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substances:**

Non-applicable

**3.2 Mixtures:**

**Chemical description:** Miscellaneous products

**Components:**

Remaining components are non-hazardous and/or present at amounts below reportable limits. The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200. Therefore, in accordance with Appendix D to § 1910.1200, the product contains:

| Identification   | Chemical name/Classification   | Concentration |
|------------------|--|---------------|
| CAS: 127087-87-0 | <b>4-Nonylphenol, branched, ethoxylated</b><br>Acute Tox. 4: H302; Eye Irrit. 2A: H319 - Warning | 3 - <7 %      |
| CAS: 67-63-0     | <b>propan-2-ol</b><br>Eye Irrit. 2A: H319; Flam. Liq. 2: H225; STOT SE 3: H336 - Danger          | 1 - <5 %      |
| CAS: 1300-72-7   | <b>Sodium xylenesulphonate</b><br>Eye Irrit. 2A: H319 - Warning                                  | 1 - <3 %      |
| CAS: 5392-40-5   | <b>Citral</b><br>Flam. Liq. 4: H227; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning           | <1 %          |

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

### SECTION 4: FIRST-AID MEASURES

**4.1 Description of necessary measures:**

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

**By inhalation:**

This product is not classified as hazardous through inhalation, however, it is recommended in case of intoxication symptoms to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

**By skin contact:**

May cause an allergic skin reaction. In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes on the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety Data Sheet

**By eye contact:**

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### SECTION 4: FIRST-AID MEASURES (continued)

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

#### **By ingestion/aspiration:**

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

#### **4.2 Most important symptoms/effects, acute and delayed:**

Acute and delayed effects are indicated in sections 2 and 11.

#### **4.3 Indication of immediate medical attention and special treatment needed, if necessary:**

Not applicable (N/A)

### SECTION 5: FIRE-FIGHTING MEASURES

#### **5.1 Suitable (and unsuitable) extinguishing media:**

##### **Suitable extinguishing media:**

Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC)

##### **Unsuitable extinguishing media:**

Water jet

#### **5.2 Specific hazards arising from the chemical:**

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

#### **5.3 Special protective equipment and precautions for fire-fighters:**

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

##### **Additional provisions:**

As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Only properly trained personnel should be involved in firefighting. Evacuate nonessential personnel from the fire area. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### **6.1 Personal precautions, protective equipment and emergency procedures:**

##### **For non-emergency personnel:**

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

##### **For emergency responders:**

Wear protective equipment. Keep unprotected persons away. See section 8.

#### **6.2 Environmental precautions:**

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

#### **6.3 Methods and materials for containment and cleaning up:**

For accidental releases in excess of reportable quantities (RQ) (Table 302.4), refer to 40 CFR 302 for detailed instructions concerning reporting requirements and notify the National Response Center (800) 424-8802.

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

#### **6.4 Reference to other sections:**

See sections 8 and 13.

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**AIR221 - Chuy Bubble Gum Air Freshener & Odor Eliminator**

**SECTION 7: HANDLING AND STORAGE**

**7.1 Precautions for safe handling:**

A.- General precautions for safe use

Comply with the current standards 29 CFR 1910 Occupational Safety and Health Standards. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

Because the product is a flammable liquid, storage should meet the requirement of 29 CFR 1910.106, Flammable and Combustible Liquids Code. Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems and with the minimum requirements for protecting the security and health of workers. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

**7.2 Conditions for safe storage, including any incompatibilities:**

A.- Specific storage requirements

- Minimum Temp.: 41 °F
- Maximum Temp.: 86 °F
- Maximum time: 6 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

**7.3 Specific end use(s):**

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters:**

Substances whose occupational exposure limits have to be assessed in the workplace:

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000):

| Identification | Occupational exposure limits |                |         |
|----------------|------------------------------|----------------|---------|
|                | propan-2-ol<br>CAS: 67-63-0  | 8-hour TWA PEL | 400 ppm |
|                | Ceiling Values - TWA PEL     |                |         |

US. ACGIH Threshold Limit Values (2022):

| Identification | Occupational exposure limits |         |         |
|----------------|------------------------------|---------|---------|
|                | propan-2-ol<br>CAS: 67-63-0  | TLV-TWA | 200 ppm |
|                | TLV-STEL                     | 400 ppm |         |

CALIFORNIA- TABLE AC-1 PERMISSIBLE EXPOSURE LIMITS FOR CHEMICAL CONTAMINANTS:

| Identification | Occupational exposure limits |         |                        |
|----------------|------------------------------|---------|------------------------|
|                | propan-2-ol<br>CAS: 67-63-0  | PEL     | 400 ppm                |
|                | STEL                         | 500 ppm | 1225 mg/m <sup>3</sup> |

**Biological limit values:**

Biological Exposure Indices (BEIs®) - ACGIH

| Identification              | BEIs®   | Determinant      | Sampling Time                   |
|-----------------------------|---------|------------------|---------------------------------|
| propan-2-ol<br>CAS: 67-63-0 | 40 mg/L | Acetone in urine | End of shift at end of workweek |

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## AIR221 - Chuy Bubble Gum Air Freshener & Odor Eliminator

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

#### 8.2 Appropriate engineering controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protection Equipment. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation, the information on clothing performance must be combined with professional judgment, and a clear understanding of the clothing application, to provide the best protection to the worker. All chemical protective clothing use must be based on a hazard assessment to determine the risks for exposure to chemicals and other hazards. Conduct hazard assessments in accordance with 29 CFR 1910.132.

B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands

Not applicable (N/A)

D.- Eye and face protection

Not applicable (N/A)

E.- Bodily protection

Not applicable (N/A)

F.- Additional emergency measures

It is not necessary to take additional emergency measures.


#### Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties:

##### Appearance:

|                          |  |
|--------------------------|--|
| Physical state at 68 °F: | Liquid   |
| Appearance:              | Not available  |
| Color:                   |  Blue |
| Odor:                    | Fruity   |
| Odour threshold:         | Not applicable (N/A) *   |

##### Volatility:

|  |                         |
|--|-------------------------|
| Boiling point at atmospheric pressure: | 211 °F                  |
| Vapour pressure at 68 °F:              | 2390 Pa                 |
| Vapour pressure at 122 °F:             | 12570.18 Pa (12.57 kPa) |
| Evaporation rate at 68 °F:             | Not applicable (N/A) *  |

##### Product description:

|  |                          |
|--|--------------------------|
| Density at 68 °F:                            | 1021.8 kg/m <sup>3</sup> |
| Relative density at 68 °F:                   | 1.022                    |
| Dynamic viscosity at 68 °F:                  | Not applicable (N/A) *   |
| Kinematic viscosity at 68 °F:                | Not applicable (N/A) *   |
| Kinematic viscosity at 104 °F:               | Not applicable (N/A) *   |
| Concentration:                               | Not applicable (N/A) *   |
| pH:  | Not applicable (N/A) *   |
| Vapour density at 68 °F:                     | Not applicable (N/A) *   |
| Partition coefficient n-octanol/water 68 °F: | Not applicable (N/A) *   |

\*Not applicable (N/A) due to the nature of the product, not providing information property of its hazards.

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**AIR221 - Chuy Bubble Gum Air Freshener & Odor Eliminator**

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)**

Solubility in water at 68 °F: Not applicable (N/A) \*  
 Solubility properties: Not applicable (N/A) \*  
 Decomposition temperature: Not applicable (N/A) \*  
 Melting point/freezing point: Not applicable (N/A) \*

**Flammability:**

Flash Point: 138 °F  
 Flammability (solid, gas): Not applicable (N/A) \*  
 Autoignition temperature: 377 °F  
 Lower flammability limit: Not available  
 Upper flammability limit: Not available

**Particle characteristics:**

Median equivalent diameter: Non-applicable

**9.2 Other information:**

**Information with regard to physical hazard classes:**

Explosive properties: Not applicable (N/A) \*  
 Oxidising properties: Not applicable (N/A) \*  
 Corrosive to metals: Not applicable (N/A) \*  
 Heat of combustion: Not applicable (N/A) \*  
 Aerosols-total percentage (by mass) of flammable components: Not applicable (N/A) \*

**Other safety characteristics:**

Surface tension at 68 °F: Not applicable (N/A) \*  
 Refraction index: Not applicable (N/A) \*

\*Not applicable (N/A) due to the nature of the product, not providing information property of its hazards.

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity:**

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

**10.2 Chemical stability:**

Chemically stable under the indicated conditions of storage, handling and use.

**10.3 Possibility of hazardous reactions:**

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

**10.4 Conditions to avoid:**

Applicable for handling and storage at room temperature:

| Shock and friction | Contact with air | Increase in temperature | Sunlight            | Humidity       |
|--------------------|------------------|-------------------------|---------------------|----------------|
| Not applicable     | Not applicable   | Risk of combustion      | Avoid direct impact | Not applicable |

**10.5 Incompatible materials:**

| Acids              | Water          | Oxidising materials | Combustible materials | Others                        |
|--------------------|----------------|---------------------|-----------------------|-------------------------------|
| Avoid strong acids | Not applicable | Avoid direct impact | Not applicable        | Avoid alkalis or strong bases |

**10.6 Hazardous decomposition products:**

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects:**

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**AIR221 - Chuy Bubble Gum Air Freshener & Odor Eliminator**

**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

The experimental information related to the toxicological properties of the product itself is not available

**Dangerous health implications:**

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Produces eye damage after contact.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.  
IARC: Eugenol (3); propan-2-ol (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**Other information:**

Not applicable (N/A)

**Specific toxicology information on the substances:**

| Identification   | Acute toxicity  |                  | Genus |
|--|-----------------|------------------|-------|
|  | LD50 oral       | LD50 dermal      |       |
| propan-2-ol<br>CAS: 67-63-0                              | LD50 oral       | 5280 mg/kg       | Rat   |
|  | LD50 dermal     | 12800 mg/kg      | Rat   |
|  | LC50 inhalation | 72.6 mg/L (4 h)  | Rat   |
| 4-Nonylphenol, branched, ethoxylated<br>CAS: 127087-87-0 | LD50 oral       | 500 mg/kg (ATEi) |       |
|  | LD50 dermal     |                  |       |
|  | LC50 inhalation |                  |       |

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**AIR221 - Chuy Bubble Gum Air Freshener & Odor Eliminator**

**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

| Identification                            | Acute toxicity |             | Genus  |
|---|----------------|-------------|--------|
|   | LD50 oral      | LD50 dermal |        |
| Sodium xylenesulphonate<br>CAS: 1300-72-7 | 7200 mg/kg     |             | Rat    |
|   |                |             |        |
|   |                |             |        |
| Citral<br>CAS: 5392-40-5                  | 4950 mg/kg     |             | Rat    |
|   | 2250 mg/kg     |             | Rabbit |
|   |                |             |        |

**SECTION 12: ECOLOGICAL INFORMATION**

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**12.1 Ecotoxicity (aquatic and terrestrial, where available):**

**Acute toxicity:**

| Identification   | Concentration     |      | Species                 | Genus      |
|--|-------------------|------|-------------------------|------------|
|  | LC50              | EC50 |                         |            |
| 4-Nonylphenol, branched, ethoxylated<br>CAS: 127087-87-0 | 84.7 mg/L (96 h)  |      | Lepomis macrochirus     | Fish       |
|  | 23 mg/L (48 h)    |      | Daphnia magna           | Crustacean |
|  | 19.5 mg/L (72 h)  |      | Desmodesmus subspicatus | Algae      |
| propan-2-ol<br>CAS: 67-63-0                              | 9640 mg/L (96 h)  |      | Pimephales promelas     | Fish       |
|  | 13299 mg/L (48 h) |      | Daphnia magna           | Crustacean |
|  | 1000 mg/L (72 h)  |      | Scenedesmus subspicatus | Algae      |
| Citral<br>CAS: 5392-40-5                                 | 6.1 mg/L (24 h)   |      | Oryzias latipes         | Fish       |
|  | 11 mg/L (24 h)    |      | Daphnia magna           | Crustacean |
|  | 16 mg/L (72 h)    |      | Scenedesmus subspicatus | Algae      |

**12.2 Persistence and degradability:**

**Substance-specific information:**

| Identification   | Degradability        |                      | Biodegradability     |          |
|--|----------------------|----------------------|----------------------|----------|
|  | BOD5                 | COD                  | Concentration        | Period   |
| 4-Nonylphenol, branched, ethoxylated<br>CAS: 127087-87-0 | Not applicable (N/A) | Not applicable (N/A) | Not applicable (N/A) | 28 days  |
|  |                      |                      | % Biodegradable      | 81 %     |
|  |                      |                      |                      |          |
| propan-2-ol<br>CAS: 67-63-0                              | 1.19 g O2/g          | 2.23 g O2/g          | Concentration        | 100 mg/L |
|  |                      |                      | Period               | 14 days  |
|  |                      |                      | % Biodegradable      | 86 %     |
| Citral<br>CAS: 5392-40-5                                 | 0.56 g O2/g          | 1.99 g O2/g          | Concentration        | 100 mg/L |
|  |                      |                      | Period               | 28 days  |
|  |                      |                      | % Biodegradable      | 92 %     |

**12.3 Bioaccumulative potential:**

**Substance-specific information:**

| Identification   | Bioaccumulation potential |         |
|--|---------------------------|---------|
|  | BCF                       | Pow Log |
| 4-Nonylphenol, branched, ethoxylated<br>CAS: 127087-87-0 | 8                         | 5.67    |
|  |                           |         |
|  |                           |         |
| propan-2-ol<br>CAS: 67-63-0                              | 3                         | 0.05    |
|  |                           |         |
|  |                           |         |
| Citral<br>CAS: 5392-40-5                                 | 10                        | 3.45    |
|  |                           |         |
|  |                           |         |

**12.4 Mobility in soil:**

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**AIR221 - Chuy Bubble Gum Air Freshener & Odor Eliminator**

**SECTION 12: ECOLOGICAL INFORMATION (continued)**

| Identification   | Absorption/desorption |                      | Volatility |                                 |
|--|-----------------------|----------------------|------------|---------------------------------|
| 4-Nonylphenol, branched, ethoxylated<br>CAS: 127087-87-0 | Koc                   | 427                  | Henry      | Not applicable (N/A)            |
|  | Conclusion            | Low                  | Dry soil   | Not applicable (N/A)            |
|  | Surface tension       | Not applicable (N/A) | Moist soil | Not applicable (N/A)            |
| propan-2-ol<br>CAS: 67-63-0                              | Koc                   | 1.5                  | Henry      | 8.207E-1 Pa·m <sup>3</sup> /mol |
|  | Conclusion            | Very High            | Dry soil   | Yes                             |
|  | Surface tension       | 2.24E-2 N/m (77 °F)  | Moist soil | Yes                             |

**12.5 Results of PBT and vPvB assessment:**

Non-applicable

**12.6 Other adverse effects:**

Not described

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Disposal methods:**

The next characteristic per RCRA could apply to the unused product if it becomes a waste material: Ignitability. The next EPA hazardous waste number could apply: D001.

Wastes generated by normal household activities (e.g., routine house and yard maintenance) are excluded from the definition of hazardous waste ( Title 40 of the Code of Federal Regulations Part 261.4)

**Waste management (disposal and evaluation):**

Follow RCRA framework and EPA regulation for to ensure that hazardous waste is managed safely and properly. Waste should not be disposed of to drains. Remind, It is the responsibility of the waste generator to evaluate whether his wastes are hazardous by characteristics or listing. See section 6 for further information about Accidental release measures.

**Regulations related to waste management:**

Legislation related to waste management:

40 CFR Solid Wastes - Part 239 through 282.

State regulatory requirements for generators may be more stringent than those in the federal program. Be sure to check the state's policies.

**SECTION 14: TRANSPORT INFORMATION**

**Transport of dangerous goods by land:**

With regard to 49 CFR on the Transport of Dangerous Goods:



**14.1 UN number:** UN1993

**14.2 UN proper shipping name:** FLAMMABLE LIQUID, N.O.S. (propan-2-ol)

**14.3 Transport hazard class(es):** 3

Labels: 3

**14.4 Packing group, if applicable:** III

**14.5 Marine pollutant:** No

**14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises**

Physico-Chemical properties: see section 9

Limited quantities: 5 L

49 CFR 173.150: A flammable liquid with a flash point at or above 38 °C (100 °F) that does not meet the definition of any other hazard class may be reclassified as a combustible liquid. This provision does not apply to transportation by vessel or aircraft, except where other means of transportation is impracticable. It can be shipped as a non-hazardous material if the container is under 120 gallons.

**14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable (N/A)

**Transport of dangerous goods by sea:**

With regard to IMDG 41-22:

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## AIR221 - Chuy Bubble Gum Air Freshener & Odor Eliminator

### SECTION 14: TRANSPORT INFORMATION (continued)



- 14.1 UN number:** UN1993  
**14.2 UN proper shipping name:** FLAMMABLE LIQUID, N.O.S. (propan-2-ol)  
**14.3 Transport hazard class(es):** 3  
Labels: 3  
**14.4 Packing group, if applicable:** III  
**14.5 Marine pollutant:** No  
**14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises**  
Special regulations: 274, 223, 955  
EmS Codes: F-E, S-E  
Physico-Chemical properties: see section 9  
Limited quantities: 5 L  
Segregation group: Not applicable (N/A)  
**14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable (N/A)

#### Transport of dangerous goods by air:

With regard to IATA/ICAO 2024:



- 14.1 UN number:** UN1993  
**14.2 UN proper shipping name:** FLAMMABLE LIQUID, N.O.S. (propan-2-ol)  
**14.3 Transport hazard class(es):** 3  
Labels: 3  
**14.4 Packing group, if applicable:** III  
**14.5 Marine pollutant:** No  
**14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises**  
Physico-Chemical properties: see section 9  
**14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable (N/A)

### SECTION 15: REGULATORY INFORMATION

#### 15.1 Safety, health and environmental regulations specific for the product in question:

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## AIR221 - Chuy Bubble Gum Air Freshener & Odor Eliminator

### SECTION 15: REGULATORY INFORMATION (continued)

- CALIFORNIA LABOR CODE - The Hazardous Substances List: *4-Nonylphenol, branched, ethoxylated (127087-87-0)* ; *Ethyl acetate (141-78-6)* ; *Eugenol (97-53-0)* ; *propan-2-ol (67-63-0)*
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Birth defects or other reproductive harm: Not applicable (N/A)
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Cancer: Not applicable (N/A)
- CANADA-Domestic Substances List (DSL): *All components of this product comply with the inventory requirements administered by the governing country.*
- CANADA-Non-Domestic Substances List (NDSL): Not applicable (N/A)
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantities: *Ethyl acetate (141-78-6) - U112*
- Hazardous Air Pollutants (Clean Air Act): Not applicable (N/A)
- NTP (National Toxicology Program): Not applicable (N/A)
- OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096): Not applicable (N/A)
- The Toxic Substances Control Act (TSCA) : *All components of this product comply with the inventory requirements administered by the governing country.*
- Toxic chemical release reporting under EPCRA section 313 (40 CFR Part 372): *4-Nonylphenol, branched, ethoxylated (127087-87-0)* ; *propan-2-ol (67-63-0)*

#### Specific provisions in terms of protecting people or the environment:

It is recommended to use the information provided in this safety data sheet as a foundation for conducting workplace-specific risk assessments. These assessments will help establish the appropriate risk prevention measures for handling, using, storing, and disposing of this product.

#### Other legislation:

Take into consideration other applicable federal, state, and local laws and local regulations.

### SECTION 16: OTHER INFORMATION

#### Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with Appendix d to §1910.1200 - Safety data sheets

#### Texts of the legislative phrases mentioned in section 2:

H319: Causes serious eye irritation.

H317: May cause an allergic skin reaction.

H226: Flammable liquid and vapour.

#### Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

#### 29 CFR 1910.1200:

Acute Tox. 4: H302 - Harmful if swallowed.

Eye Irrit. 2A: H319 - Causes serious eye irritation.

Flam. Liq. 2: H225 - Highly flammable liquid and vapour.

Flam. Liq. 4: H227 - Combustible liquid.

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1: H317 - May cause an allergic skin reaction.

STOT SE 3: H336 - May cause drowsiness or dizziness.

#### Advice related to training:

According to 29 CFR 1910.1200, training on chemical hazards is necessary for employees using this product. This training will facilitate their understanding and interpretation of the safety data sheet, as well as the product label.

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## AIR221 - Chuy Bubble Gum Air Freshener & Odor Eliminator

### SECTION 16: OTHER INFORMATION (continued)

**Principal bibliographical sources:**

Occupational Safety & Health Administration (OSHA).

**Abbreviations and acronyms:**

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

CL50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

IARC: International Agency for Research on Cancer

Date of compilation: 8/28/2024

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END OF SAFETY DATA SHEET