

# Safety data sheet according to 29 CFR 1910.1200

# AIRSPRAY201 - Total Reset Odor Eliminator, Black Frost

# **SECTION 1: IDENTIFICATION**

1.1 GHS Product identifier: AIRSPRAY201 - Total Reset Odor Eliminator, Black Frost

Other means of identification:

Non-applicable

1.2 Recommended use of the chemical and restrictions on use:

Relevant uses (Consumer use): 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.

Flammable aerosols, Category 1, H222

Eye Irrit. 2A: Eye irritation, Category 2A, H319

Press. Gas (Liq.): Gases under pressure (Liquefied gas), H280

#### 2.2 Label elements:

#### 29 CFR 1910.1200:

#### Danger







#### Hazard statements:

Flammable aerosols, 1: H222 - Extremely flammable aerosol.

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

Press. Gas (Liq.): H280 - Contains gas under pressure, may explode if heated.

#### **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.

P211: Do not spray on an open flame or other ignition source.

P251: Do not pierce or burn, even after use.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P280+P272: Wear protective gloves/protective clothing/eye protection. Contaminated work clothing should not be allowed out of the workplace.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P337+P313: If eye irritation persists: Get medical advice/attention.

P403: Store in a well-ventilated place.

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

P501: Dispose of contents/ container in accordance with local/regional/national/international regulation.

Additional labeling:

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# 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) >> Flammable

Flammable. Vapors May Cause Flash Fire. Prevent buildup of vapors—open all windows and doors—use only with cross-ventilation. Keep away from heat, sparks, and open flame. Do not smoke, extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors, and other sources of ignition during use and until all vapors are gone. Close container after use. Keep out of the reach of children.

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

Non-applicable

# 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:

| Ide  | ntification    | Chemical name/Classification  | Concentration |
|------|----------------|---|---------------|
| CAS: | 75-37-6        | <b>1,1-difluoroethane</b> Flam. Gas 1A: H220; Press. Gas (Liq.): H280 - Danger                | 50 - <75 %    |
| CAS: | 64-17-5        | Ethanol<br>Flam. Liq. 2: H225 - Danger  | 10 - <25 %    |
|      |                | Proprietary Methacrylate  Eye Irrit. 2A: H319; Skin Irrit. 2: H315; STOT SE 3: H335 - Warning | 1 - <2.5 %    |
| CAS: | 32388-55<br>-9 | Cedryl methyl ketone<br>Skin Sens. 1B: 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:

Exposure to rapidly expanding gases can cause frostbite burns.

# 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:

In situations where local frostbite burns occur due to contact with gas, contaminated clothing should not be removed if it is stuck to the skin.

#### By eye contact:

In case of experiencing localized frostbite, it is recommended to immediately rinse the eyes with ample amounts of warm water, ensuring that the water temperature does not exceed 41  $^{\circ}$ C (105  $^{\circ}$ F), for a minimum period of 15 minutes. If possible, it is advised to remove contact lenses.

#### 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:



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

A high level of exposure can lead to suffocation due to oxygen deprivation. Symptoms may include loss of mobility or consciousness. It is important to note that the victim may not be aware of the suffocation. Suffocation can occur suddenly and rapidly, without any warning, leaving individuals unable to take protective measures. Additionally, exposure to rapidly expanding gas or vaporizing liquid can cause freezing, often referred to as "cold burns." Contact with such substances can result in irritation, characterized by redness, tearing, pain, and/or blurred vision.

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

Non-applicable

# SECTION 5: FIRE-FIGHTING MEASURES

#### 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.

#### 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 Self Contained Breathing Apparatus. 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 reportables 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.

Prevent the entrance of product in drains, sewers or watercourses. Absorb the spill using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. Collect the product in appropriate containers and manage it according to current legislation.

Spillages in water or sea:

Small spillages:

Contain spillage using barriers or similar equipment. Use suitable absorbents for collection and treat the waste in accordance with current regulations.

Large spillages:

If possible, contain spillage in open water using barriers or similar equipment. If this is not possible, try to control its spread and collect the product with suitable mechanical means. Always consult experts before using dispersants and make sure you have the necessary approvals if they are to be used. Treat the waste according to current regulations.

#### Reference to other sections: 6.4

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# SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

See sections 8 and 13.

#### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

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

Keep away from sources of ignition, heat, open flame, or hot surfaces. No smoking. Close the valve after each use and when it has been emptied. Replace all valve protections as soon as the container has been disconnected from the equipment. Use appropriate means to move bottles: do not drag them, roll them, make them fall, etc. Avoid back-suction of water into the container. Avoid feedback into the container. Purge air from the system before introducing the gas. Use only equipment with the appropriate specifications, which are suitable for this product, as well as its supply temperature and pressure. In case of doubt, contact your gas supplier. Ensure adequate ventilation. Use the necessary personal protective equipment. Ensure the existence and implementation of safe work procedures and comply with the safe handling procedures for chemicals. 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 |          |                        |
|--------------------------------|------------------------------|----------|------------------------|
| Ethanol                        | 8-hour TWA PEL               | 1000 ppm | 1900 mg/m <sup>3</sup> |
| I( \( \Delta \cdot \) 64-1 /-5 | Ceiling Values - TWA<br>PEL  |          |                        |

#### US. ACGIH Threshold Limit Values (2022):

| Identification |  | Occupa   | ational exposure limits |  |
|----------------|--|----------|-------------------------|--|
| Ethanol        |  | TLV-TWA  |                         |  |
| CAS: 64-17-5   |  | TLV-STEL | 1000 ppm                |  |

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

| Identification | Occupational exposure limits |          | nits                   |
|----------------|------------------------------|----------|------------------------|
| Ethanol        | PEL                          | 1000 ppm | 1900 mg/m <sup>3</sup> |
| CAS: 64-17-5   | STEL                         |          |                        |

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

NIOSH: Immediately Dangerous To Life or Health (IDLH) Values:

| Identification | Occupa     | ational exposure limi | its |
|----------------|------------|-----------------------|-----|
| Ethanol        | TWA        |                       |     |
| CAS: 64-17-5   | IDLH Value | 3300 ppm              |     |

#### 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

If the working conditions and/or safety measures adopted do not allow keeping the airborne concentration of the product below the exposure limits (if any) or at acceptable levels (if no exposure limits exist), suitable respiratory protection equipment chosen by a qualified professional should be used.

C.- Specific protection for the hands

Non-applicable

D.- Eye and face protection

Non-applicable

E.- Bodily protection

Non-applicable

F.- Additional emergency measures

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

It is not necessary to take additional emergency measures.

#### **Environmental exposure controls:**

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to 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: Non-applicable \*

Color: Colorless
Odor: Characteristic
Odour threshold: Non-applicable \*

Volatility:

Boiling point at atmospheric pressure: 178 °F Vapour pressure at 68 °F: 5474 Pa

Vapour pressure at 122 °F: 25995.78 Pa (26 kPa) Evaporation rate at 68 °F: Non-applicable \*

**Product description:** 

Density at 68 °F: 820.8 kg/m³ Relative density at 68 °F: 0.821

\*Non-applicable due to the nature of the product, not providing information property of its hazards.

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# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Dynamic viscosity at 68 °F: 1.17 mPa·s Kinematic viscosity at 68 °F: 1.43 mm<sup>2</sup>/s Kinematic viscosity at 104 °F: Non-applicable \* Concentration: Non-applicable \* pH: Non-applicable \* Vapour density at 68 °F: Non-applicable \* Partition coefficient n-octanol/water 68 °F: Non-applicable \* Solubility in water at 68 °F: Non-applicable \* Solubility properties: Non-applicable \* Non-applicable \* Decomposition temperature: Melting point/freezing point: Non-applicable \*

Flammability:

Flash Point: 67 °F

Flammability (solid, gas):

Non-applicable \*

Autoignition temperature: 793 °F

Lower flammability limit: Non-applicable \*
Upper flammability limit: Non-applicable \*

**Particle characteristics:** 

Median equivalent diameter: Non-applicable \*

#### 9.2 Other information:

# Information with regard to physical hazard classes:

Explosive properties:

Oxidising properties:

Corrosive to metals:

Heat of combustion:

Aerosols-total percentage (by mass) of flammable

Non-applicable \*

Non-applicable \*

Non-applicable \*

components:

Other safety characteristics:

Surface tension at 68 °F:

Refraction index:

Non-applicable \*

Non-applicable \*

\*Non-applicable 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       |
|---------------------|------------------|-------------------------|---------------------|----------------|
| Danger of explosion | Precaution       | Danger of explosion     | 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 |

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# SECTION 10: STABILITY AND REACTIVITY (continued)

#### 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:

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, as it does not contain substances classified as hazardous 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. However, it contains substances classified as hazardous for inhalation. 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: Ethanol (1)
  - 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: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous with sensitising effects. For more information see section 3.
- 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:

Non-applicable



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# SECTION 11: TOXICOLOGICAL INFORMATION (continued)

# Specific toxicology information on the substances:

| Identification | Acute toxicity         |                  | Genus  |
|----------------|------------------------|------------------|--------|
| Ethanol        | LD50 oral              | 6200 mg/kg       | Rat    |
| CAS: 64-17-5   | LD50 dermal            | 20000 mg/kg      | Rabbit |
|                | LC50 inhalation vapour | 124.7 mg/L (4 h) | Rat    |

# 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      |
|----------------------|------|----------------------|------------------------|------------|
| Ethanol              | LC50 | 11000 mg/L (96 h)    | Alburnus alburnus      | Fish       |
| CAS: 64-17-5         | EC50 | 9268 mg/L (48 h)     | Daphnia magna          | Crustacean |
|                      | EC50 | 1450 mg/L (192 h)    | Microcystis aeruginosa | Algae      |
| Cedryl methyl ketone | LC50 | >0.1 - 1 mg/L (96 h) |                        | Fish       |
| CAS: 32388-55-9      | EC50 | >0.1 - 1 mg/L (48 h) |                        | Crustacean |
|                      | EC50 | >0.1 - 1 mg/L (72 h) |                        | Algae      |

# **Chronic toxicity:**

| Identification      |      | Concentration  | Species            | Genus      |
|---------------------|------|----------------|--------------------|------------|
| Ethanol             | NOEC | 250 mg/L       | Danio rerio        | Fish       |
| CAS: 64-17-5        | NOEC | 2 mg/L         | Ceriodaphnia dubia | Crustacean |
| Trade Secret        | NOEC | Non-applicable |                    |            |
| CAS: Non-applicable | NOEC | 0.00573 mg/L   | Daphnia magna      | Crustacean |

# 12.2 Persistence and degradability:

# **Substance-specific information:**

| Identification | Degradability |                | Biodegradab     | ility    |
|----------------|---------------|----------------|-----------------|----------|
| Ethanol        | BOD5          | Non-applicable | Concentration   | 100 mg/L |
| CAS: 64-17-5   | COD           | Non-applicable | Period          | 14 days  |
|                | BOD5/COD      | Non-applicable | % Biodegradable | 89 %     |

#### 12.3 Bioaccumulative potential:

#### **Substance-specific information:**

| Identification      | Bioaccumulation | potential |
|---------------------|-----------------|-----------|
| Ethanol             | BCF 3           |           |
| CAS: 64-17-5        | Pow Log -0.31   |           |
|                     | Potential Low   |           |
| Trade Secret        | BCF             |           |
| CAS: Non-applicable | Pow Log 6.77    |           |
|                     | Potential       | _         |

# 12.4 Mobility in soil:

| Identification     | Absorption/desorption |                      | Volatility |                   |
|--------------------|-----------------------|----------------------|------------|-------------------|
| 1,1-difluoroethane | Koc                   | Non-applicable       | Henry      | Non-applicable    |
| CAS: 75-37-6       | Conclusion            | Non-applicable       | Dry soil   | Non-applicable    |
|                    | Surface tension       | 1.003E-2 N/m (77 °F) | Moist soil | Non-applicable    |
| Ethanol            | Кос                   | 1                    | Henry      | 4.61E-1 Pa·m³/mol |
| CAS: 64-17-5       | Conclusion            | Very High            | Dry soil   | Yes               |
|                    | Surface tension       | Non-applicable       | Moist soil | Yes               |

# 12.5 Results of PBT and vPvB assessment:

Non-applicable

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# SECTION 12: ECOLOGICAL INFORMATION (continued)

#### 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: UN195014.2 UN proper shipping name: AEROSOLS

14.3 Transport hazard class(es): 2
Labels: 2.1
14.4 Packing group, if applicable: N/A

**14.4 Packing group, if applicable:** N/A **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** Non-applicable

to Annex II of MARPOL 73/78 and the IBC Code):

#### Transport of dangerous goods by sea:

With regard to IMDG 41-22:

**14.1 UN number:** UN1950 **14.2 UN proper shipping name:** AEROSOLS



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: 63, 959, 190, 277, 327, 344

EmS Codes: F-D, S-U
Physico-Chemical properties: see section 9

Limited quantities: 1 L

Segregation group: Non-applicable **14.7 Transport in bulk (according** Non-applicable

to Annex II of MARPOL 73/78 and the IBC Code):

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# SECTION 14: TRANSPORT INFORMATION (continued)

#### Transport of dangerous goods by air:

With regard to IATA/ICAO 2024:



**14.1 UN number:** UN1950 **14.2 UN proper shipping name:** AEROSOLS

14.3 Transport hazard class(es): 2

 Labels: 2.1

 14.4 Packing group, if applicable: N/A
 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** Non-applicable

to Annex II of MARPOL
73/78 and the IBC Code):

# SECTION 15: REGULATORY INFORMATION

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

- CALIFORNIA LABOR CODE The Hazardous Substances List: Ethanol (64-17-5)
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) Birth defects or other reproductive harm: Non-applicable
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) Cancer: Non-applicable
- 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): 2-methyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol (28219-60-5)
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Reportable Quantities: Non-applicable
- Hazardous Air Pollutants (Clean Air Act): Non-applicable
- NTP (National Toxicology Program): Non-applicable
- OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096): Non-applicable
- 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): Non-applicable

#### 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:

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# EWE WE

# Safety data sheet according to 29 CFR 1910.1200

# AIRSPRAY201 - Total Reset Odor Eliminator, Black Frost

# SECTION 16: OTHER INFORMATION (continued)

H222: Extremely flammable aerosol.

H280: Contains gas under pressure, may explode if heated.

H319: Causes serious eye irritation.

#### 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:

Eye Irrit. 2A: H319 - Causes serious eye irritation. Flam. Gas 1A: H220 - Extremely flammable gas.

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

Press. Gas (Liq.): H280 - Contains gas under pressure, may explode if heated.

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1B: H317 - May cause an allergic skin reaction. STOT SE 3: H335 - May cause respiratory irritation.

#### 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.

# 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

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END OF SAFETY DATA SHEET

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