

# SAFETY DATA SHEET

## ZEP MICROMIST FRESH SCENT DEODORIZER 20N10 12CT

Version 3.0

Revision Date 07/03/2024

Print Date 04/27/2025

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name : ZEP MICROMIST FRESH SCENT DEODORIZER 20N10 12CT

Material number : 000000000000024301

#### Manufacturer or supplier's details

Company : Zep Inc.

Address : 350 Joe Frank Harris Parkway, SE  
Emerson, GA 30137

Telephone : Compliance Services - 877-428-9937

#### Emergency telephone numbers

For SDS Information : Compliance Services - 877-428-9937

For a Medical Emergency : 877-541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency : CHEMTREC: 800-424-9300 - All Calls Recorded.  
In the District of Columbia 202-483-7616

#### Recommended use of the chemical and restrictions on use

### SECTION 2. HAZARDS IDENTIFICATION

#### Emergency Overview

|            |                                    |
|------------|------------------------------------|
| Appearance | Aerosol containing a liquefied gas |
| Colour     | clear                              |
|            | colourless                         |
| Odour      | pleasant                           |

#### GHS Classification

Flammable aerosols : Category 1  
Gases under pressure : Liquefied gas  
Eye irritation : Category 2A  
Specific target organ toxicity - single exposure : Category 3 (Central nervous system)

#### GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H222 Extremely flammable aerosol.  
H280 Contains gas under pressure; may explode if heated.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

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H371 May cause damage to organs (Respiratory system).

Precautionary statements

: **Prevention:**

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 Pressurized container: Do not pierce or burn, even after use.

P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear eye protection/ face protection.

**Response:**

P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

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

P308 + P311 IF exposed or concerned: Call a POISON CENTER/doctor.

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

**Storage:**

P403 Store in a well-ventilated place.

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

**Disposal:**

P501 Dispose of contents/container in accordance with local regulation.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture

: Mixture

#### Hazardous components

| Chemical name | CAS-No. | Concentration [%] |
|---------------|---------|-------------------|
| acetone       | 67-64-1 | >= 70 - < 90      |
| propane       | 74-98-6 | >= 20 - < 30      |

The exact percentages of disclosed substances are withheld as trade secrets.

### SECTION 4. FIRST AID MEASURES

General advice

: Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.

If inhaled

: Consult a physician after significant exposure.  
If unconscious, place in recovery position and seek medical

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advice.

|   |  |
|---|--|
| In case of skin contact                                     | : If on skin, rinse well with water.<br>If on clothes, remove clothes.<br>If symptoms persist, call a physician.   |
| In case of eye contact                                      | : Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist.<br>If in eyes, rinse with water for 15 minutes.  |
| If swallowed  | : Keep respiratory tract clear.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician.  |
| Most important symptoms and effects, both acute and delayed | : Acute specific target organ toxicity effects will differ depending on mode of exposure (oral, dermal, and inhalation), the organs and systems affected, and any preexisting medical conditions. Symptoms may include respiratory difficulty, abdominal pain, headache, dizziness, drowsiness, vomiting, central nervous system depression, blurred vision, seizures, and unconsciousness - potentially life threatening. Effects are dependent on exposure (dose, concentration, contact time).<br>Effects are immediate and delayed.<br>Symptoms may include irritation, redness, pain, and rash.<br>Causes serious eye irritation.<br>May cause damage to organs.<br>Review section 2 of SDS to see all potential hazards. |
| Notes to physician  | : Treat symptomatically. Symptoms may be delayed.  |

## SECTION 5. FIREFIGHTING MEASURES

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Water<br><br>Alcohol-resistant foam<br>Carbon dioxide (CO2)<br>Dry chemical  |
| Unsuitable extinguishing media | : High volume water jet  |
| Hazardous combustion products  | : Carbon dioxide (CO2)<br>Carbon monoxide<br>Smoke   |
| Specific extinguishing methods | : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  |
| Further information            | : For safety reasons in case of fire, cans should be stored separately in closed containments.<br>Use a water spray to cool fully closed containers. |
| Special protective equipment   | : Wear self-contained breathing apparatus for firefighting if  |

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for firefighters

necessary.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Ensure adequate ventilation.  
Remove all sources of ignition.  
Evacuate personnel to safe areas.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
- Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains, inform respective authorities.
- Methods and materials for containment and cleaning up : Keep in suitable, closed containers for disposal.  
Clean contaminated floors and objects thoroughly while observing environmental regulations.

### SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Take precautionary measures against static discharges.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Dispose of rinse water in accordance with local and national regulations.
- Conditions for safe storage : BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.  
No smoking.  
Observe label precautions.  
Keep in a cool, well-ventilated place.  
Electrical installations / working materials must comply with the technological safety standards.
- Materials to avoid : Keep away from oxidizing agents and strongly acid or alkaline materials.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

| Components | CAS-No. | Value type<br>(Form of exposure) | Control parameters / Permissible concentration | Basis |
|------------|---------|----------------------------------|--|-------|
|            |         |                                  |  |       |

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|         |         |      |                          |           |
|---------|---------|------|--------------------------|-----------|
| acetone | 67-64-1 | TWA  | 250 ppm                  | ACGIH     |
|         |         | STEL | 500 ppm                  | ACGIH     |
|         |         | TWA  | 250 ppm<br>590 mg/m3     | NIOSH REL |
|         |         | TWA  | 1,000 ppm<br>2,400 mg/m3 | OSHA Z-1  |
|         |         | TWA  | 750 ppm<br>1,800 mg/m3   | OSHA P0   |
|         |         | STEL | 1,000 ppm<br>2,400 mg/m3 | OSHA P0   |
|         |         | STEL | 750 ppm<br>1,780 mg/m3   | CAL PEL   |
|         |         | C    | 3,000 ppm                | CAL PEL   |
|         |         | PEL  | 500 ppm<br>1,200 mg/m3   | CAL PEL   |
| propane | 74-98-6 | TWA  | 1,000 ppm<br>1,800 mg/m3 | NIOSH REL |
|         |         | TWA  | 1,000 ppm<br>1,800 mg/m3 | OSHA Z-1  |
|         |         | TWA  | 1,000 ppm<br>1,800 mg/m3 | OSHA P0   |
|         |         | PEL  | 1,000 ppm<br>1,800 mg/m3 | CAL PEL   |

**Biological occupational exposure limits**

| Component   | CAS-No. | Control parameters | Biological specimen | Sampling time  | Permissible concentration | Basis     |
|-------------|---------|--------------------|---------------------|--|---------------------------|-----------|
| 2-PROPANONE | 67-64-1 | Acetone            | Urine               | End of shift (As soon as possible after exposure ceases) | 25 mg/l                   | ACGIH BEI |

**Engineering measures** : effective ventilation in all processing areas

**Personal protective equipment**

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection

Remarks : Skin should be washed after contact.

Eye protection

: Always wear eye protection when the potential for inadvertent eye contact with the product cannot be excluded.

Skin and body protection

: No special protection is required.

Protective measures

: Wear suitable protective equipment.  
Avoid contact with skin.  
When using do not eat, drink or smoke.

Hygiene measures

: When using do not eat or drink.  
When using do not smoke.

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Wash hands before breaks and at the end of workday.

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#### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |                                      |
|--|--------------------------------------|
| Appearance                             | : Aerosol containing a liquefied gas |
| Colour                                 | : clear<br>colourless                |
| Odour                                  | : pleasant                           |
| Odour Threshold                        | : No data available                  |
| pH                                     | : Not applicable                     |
| Melting point/freezing point           | : Not applicable                     |
| Boiling point                          | : Not applicable                     |
| Flash point                            | :<br>Not applicable                  |
| Evaporation rate                       | : No data available                  |
| Flammability (solid, gas, liquid)      | : Extremely flammable aerosol.       |
| Upper explosion limit                  | : No data available                  |
| Lower explosion limit                  | : No data available                  |
| Vapour pressure                        | : No data available                  |
| Relative vapour density                | : No data available                  |
| Density                                | : not determined                     |
| Solubility(ies)                        |                                      |
| Water solubility                       | : partly soluble                     |
| Solubility in other solvents           | : partly soluble                     |
| Partition coefficient: n-octanol/water | : No data available                  |
| Auto-ignition temperature              | : not determined                     |
| Thermal decomposition                  | : No data available                  |
| Viscosity                              |                                      |
| Viscosity, kinematic                   | : Not applicable                     |
| Heat of combustion                     | : 35.53 kJ/g                         |

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#### SECTION 10. STABILITY AND REACTIVITY

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|                                    |   |
|------------------------------------|---|
| Reactivity                         | : Stable  |
| Chemical stability                 | : Stable under normal conditions.   |
| Possibility of hazardous reactions | : No decomposition if stored and applied as directed.<br>Vapours may form explosive mixture with air. |
| Conditions to avoid                | : Heat, flames and sparks.  |
| Incompatible materials             | : No data available   |
| Hazardous decomposition products   | : Carbon dioxide (CO <sub>2</sub> )<br>Organic Substances<br>Carbon oxides                            |

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Potential Health Effects

|                              |   |
|------------------------------|---|
| Aggravated Medical Condition | : None known.   |
| Symptoms of Overexposure     | : Acute specific target organ toxicity effects will differ depending on mode of exposure (oral, dermal, and inhalation), the organs and systems affected, and any preexisting medical conditions. Symptoms may include respiratory difficulty, abdominal pain, headache, dizziness, drowsiness, vomiting, central nervous system depression, blurred vision, seizures, and unconsciousness - potentially life threatening. Effects are dependent on exposure (dose, concentration, contact time). Effects are immediate and delayed. Symptoms may include irritation, redness, pain, and rash. Causes serious eye irritation. May cause damage to organs. Review section 2 of SDS to see all potential hazards. Treat symptomatically. Symptoms may be delayed. |

#### Carcinogenicity:

|       |   |
|-------|---|
| IARC  | No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. |
| ACGIH | No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.            |
| OSHA  | No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.                                |
| NTP   | No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.                 |

#### Acute toxicity

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### Components:

#### **acetone:**

Acute oral toxicity : LD50 Rat: 5,800 mg/kg

Acute inhalation toxicity : LC50 Rat: 132 mg/l  
Exposure time: 3 h

LC50 Rat: 50.1 mg/l

Acute dermal toxicity : LD50 Guinea pig: > 7,426 mg/kg

LD50 Rabbit: > 7,426 mg/kg

### **Skin corrosion/irritation**

#### Product:

Remarks: May cause skin irritation in susceptible persons.

### **Serious eye damage/eye irritation**

#### Product:

Remarks: Severe eye irritation

### **Respiratory or skin sensitisation**

No data available

### **Germ cell mutagenicity**

No data available

### **Carcinogenicity**

No data available

### **Reproductive toxicity**

No data available

### **STOT - single exposure**

No data available

### **STOT - repeated exposure**

No data available

### **Aspiration toxicity**

No data available

### **Further information**

#### Product:

Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting., Concentrations substantially above the TLV value may cause narcotic effects., Solvents may degrease the skin.



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### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

No data available

#### Persistence and degradability

No data available

#### Bioaccumulative potential

##### Product:

Partition coefficient: n-octanol/water : Remarks: No data available

#### Mobility in soil

No data available

#### Other adverse effects

No data available

##### Product:

Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : No data available

### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

Waste from residues : Do not dispose of waste into sewer.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Dispose of in accordance with local regulations.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

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### SECTION 14. TRANSPORT INFORMATION

Transportation Regulation: 49 CFR (USA):  
UN1950, AEROSOLS, FLAMMABLE, 2.1, - Limited quantity

Transportation Regulation: IMDG (Vessel):  
UN1950, AEROSOLS, FLAMMABLE, 2.1, - Limited quantity

Transportation Regulation: IATA (Cargo Air):  
UN1950, AEROSOLS, FLAMMABLE, 2.1, - Limited quantity

Transportation Regulation: IATA (Passenger Air):  
UN1950, AEROSOLS, FLAMMABLE, 2.1, - Limited quantity

Transportation Regulation: TDG (Canada):  
UN1950, AEROSOLS, FLAMMABLE, 2.1, - Limited quantity

The product as delivered to the customer conforms to packaging requirements for shipment by road under US Department of Transportation (DOT) regulations. Additional transportation classifications noted above are for reference only, and not a certification or warranty of the suitability of the packaging for shipment under these alternative transport regulations.

### SECTION 15. REGULATORY INFORMATION

**TSCA list** : No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

#### EPCRA - Emergency Planning and Community Right-to-Know Act

##### CERCLA Reportable Quantity

| Components | CAS-No. | Component RQ<br>(lbs) | Calculated product RQ<br>(lbs) |
|------------|---------|-----------------------|--------------------------------|
| acetone    | 67-64-1 | 5000                  | *                              |

\*: Calculated RQ exceeds reasonably attainable upper limit.

##### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Flammable (gases, aerosols, liquids, or solids)  
Gases under pressure  
Serious eye damage or eye irritation  
Specific target organ toxicity (single or repeated exposure)

**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

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#### SARA 313

: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

#### The components of this product are reported in the following inventories:

|      |  |
|------|--|
| DSL  | All components of this product are on the Canadian DSL |
| TSCA | On TSCA Inventory                                      |

For information on the country notification status for other regions please contact the manufacturer's regulatory group.

#### Inventory Acronym and Validity Area Legend:

TSCA (USA), DSL (Canada), NDSL (Canada)

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## SECTION 16. OTHER INFORMATION

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### Further information

#### NFPA:

|                 |   |
|-----------------|---|
| HEALTH          | 2 |
| FLAMMABILITY    | 4 |
| INSTABILITY     | 0 |
| SPECIAL HAZARD. |   |

0 = not significant, 1 =Slight,  
2 = Moderate, 3 = High  
4 = Extreme

#### HMIS III:

|                 |   |
|-----------------|---|
| HEALTH          | 2 |
| FLAMMABILITY    | 4 |
| PHYSICAL HAZARD | 3 |

0 = not significant, 1 =Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

### OSHA - GHS Label Information:

Hazard pictograms



Signal word

Hazard statements

Precautionary statements

- : **Danger:**  
: Extremely flammable aerosol. Contains gas under pressure; may explode if heated.  
: Causes serious eye irritation. May cause drowsiness or dizziness. May cause damage to organs (Respiratory system).  
: **Prevention:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear eye protection/ face protection.  
: **Response:** IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Call a POISON CENTER/doctor. If

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eye irritation persists: Get medical advice/ attention.

**Storage:** Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

**Disposal:** Dispose of contents/container in accordance with local regulation.

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|----------------|------------|
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