# TIMEMIST CARIBBEAN WATERS AIR FRESHENER 30 DAY 12N7.1 **12CT**

Revision Date 10/01/2023 Print Date 04/27/2025 Version 3.2

#### **SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Material name TIMEMIST CARIBBEAN WATERS AIR FRESHENER 30

DAY 12N7.1 12CT

: 00000000001042756 Material number

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 CHEMTREC: 800-424-9300 - All Calls Recorded.

**Emergency** 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     | colourless                         |
| Odour      | characteristic                     |

#### **GHS Classification**

Flammable aerosols Category 1 Gases under pressure : Liquefied gas Eye irritation : Category 2A Skin sensitisation : Category 1 Reproductive toxicity : Category 2

Specific target organ toxicity -

single exposure

: Category 3 (Central nervous system)

**GHS** label elements

Hazard pictograms









Health hazard

Signal word : Danger

Hazard statements : H222 Extremely flammable aerosol.

H280 Contains gas under pressure; may explode if heated.

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H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H361 Suspected of damaging fertility or the unborn child.

#### Precautionary statements

#### : Prevention:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

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.

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

P264 Wash skin thoroughly after handling.

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

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

#### Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water. 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 + P313 IF exposed or concerned: Get medical advice/

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

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

P362 + P364 Take off contaminated clothing and wash it before reuse.

### Storage:

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

P403 + P235 Store in a well-ventilated place. Keep cool.

#### 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 [%] |
|---------------|---------|-------------------|
|---------------|---------|-------------------|

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| acetone                               | 67-64-1  | >= 70 - < 90 |
|---------------------------------------|----------|--------------|
| propane                               | 74-98-6  | >= 20 - < 30 |
| 2-(2-ethoxyethoxy)ethanol             | 111-90-0 | >= 1 - < 3   |
| alpha-hexylcinnamaldehyde             | 101-86-0 | >= 0.1 - < 1 |
| 2-(4-tert-butylbenzyl)propionaldehyde | 80-54-6  | >= 0.1 - < 1 |

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.

Get medical attention.

If inhaled : Consult a physician after significant exposure.

If unconscious, place in recovery position and seek medical

advice.

In case of skin contact : Remove contaminated clothing and shoes.

Wash contaminated clothing before reuse.

Wash off immediately with soap and plenty of water.

If skin irritation persists, call a physician.

In case of eye contact : Remove contact lenses.

Protect unharmed eye.

Keep eye wide open while rinsing.

If eye irritation persists, consult a specialist.

Rinse immediately with plenty of water for at least 15 minutes.

If swallowed : Keep respiratory tract clear.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician.

DO NOT induce vomiting unless directed to do so by a

physician or poison control center.

Most important symptoms and effects, both acute and

delayed

: Effects are immediate and delayed.

Symptoms may include irritation, redness, pain, and rash. Effects are dependent on exposure (dose, concentration,

contact time).

Chronic effects are delayed and symptoms may not be

observed during an exposure.

Symptoms may include central nervous system depression,

resulting in headache, nausea and/or dizziness.

Causes serious eye irritation. May cause drowsiness or dizziness. May cause an allergic skin reaction.

Review section 2 of SDS to see all potential hazards. Suspected of damaging fertility or the unborn child.

Notes to physician : Treat symptomatically. Symptoms may be delayed.

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#### **SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media : Alcohol-resistant foam

Carbon dioxide (CO2)

Dry chemical

Unsuitable extinguishing

media

: High volume water jet

Specific hazards during

firefighting

: Do not allow run-off from fire fighting to enter drains or water

courses.

Hazardous combustion

products

: Carbon dioxide (CO2) Carbon monoxide

Smoke

Specific extinguishing

methods

: Use extinguishing measures that are appropriate to local

circumstances and the surrounding environment.

Further information : Collect contaminated fire extinguishing water separately. This

must not be discharged into drains.

Fire residues and contaminated fire extinguishing water must

be disposed of in accordance with local regulations.

Standard procedure for chemical fires.

Special protective equipment

for firefighters

Wear self-contained breathing apparatus for firefighting if

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

: Soak up with inert absorbent material (e.g. sand, silica gel,

acid binder, universal binder, sawdust).

Sweep up or vacuum up spillage and collect in suitable

container for disposal.

# **SECTION 7. HANDLING AND STORAGE**

Advice on safe handling : Avoid exposure - obtain special instructions before use.

Avoid contact with skin and eyes. For personal protection see section 8.

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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.

Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

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 dry, cool and well-ventilated place.

Electrical installations / working materials must comply with

the technological safety standards.

Materials to avoid : Oxidizing agents

### **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

# Components with workplace control parameters

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

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2-(2-ethoxyethoxy)ethanol 111-90-0 TWA 25 ppm US WEEL

#### **Biological occupational exposure limits**

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

**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.

Hygiene measures : When using do not eat or drink.

When using do not smoke.

Wash hands before breaks and at the end of workday.

#### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : Aerosol containing a liquefied gas

Colour : colourless
Odour : characteristic
Odour Threshold : No data available
pH : Not applicable
Melting point/freezing point : No data available
Boiling point : No data available

Flash point :

No data available

Evaporation rate : No data available

Flammability (solid, gas, : Extremely flammable aerosol.

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liquid)

Upper explosion limit : No data available
Lower explosion limit : No data available
Relative vapour density : No data available
Density : No data available

Solubility(ies)

Water solubility : partly soluble
Partition coefficient: n- : No data available

octanol/water

Auto-ignition temperature : not determined

Thermal decomposition : No data available

Viscosity

Viscosity, kinematic : No data available

Heat of combustion : 36.56 kJ/g

#### **SECTION 10. STABILITY AND REACTIVITY**

Reactivity : Stable

Chemical stability : Stable under normal conditions.

Possibility of hazardous

reactions

: Vapours may form explosive mixture with air.

No decomposition if stored and applied as directed.

Conditions to avoid : Heat, flames and sparks.

Extremes of temperature and direct sunlight.

Incompatible materials : Oxidizing agents

Hazardous decomposition

products

: Carbon monoxide, carbon dioxide and unburned

hydrocarbons (smoke).

### **SECTION 11. TOXICOLOGICAL INFORMATION**

#### **Potential Health Effects**

Aggravated Medical

: None known.

Condition

Symptoms of Overexposure : Effects are immediate and delayed.

Symptoms may include irritation, redness, pain, and rash.

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Effects are dependent on exposure (dose, concentration,

contact time).

Chronic effects are delayed and symptoms may not be

observed during an exposure.

Symptoms may include central nervous system depression,

resulting in headache, nausea and/or dizziness.

Causes serious eye irritation.

May cause drowsiness or dizziness.

May cause an allergic skin reaction.

Review section 2 of SDS to see all potential hazards. Suspected of damaging fertility or the unborn child. 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** 

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 irritate skin.

Serious eye damage/eye irritation

**Product:** 

Remarks: Severe eye irritation

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# Respiratory or skin sensitisation

#### **Product:**

Remarks: Causes sensitisation.

### **Components:**

### alpha-hexylcinnamaldehyde:

Classification: May cause sensitisation by skin contact.

# 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.

# **SECTION 12. ECOLOGICAL INFORMATION**

### **Ecotoxicity**

No data available

### Persistence and degradability

No data available

# **Bioaccumulative potential**

### **Product:**

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Partition coefficient: n- : Remarks: No data available

octanol/water Components:

2-(2-ethoxyethoxy)ethanol:

Partition coefficient: n- : Pow: 0.54

octanol/water

alpha-hexylcinnamaldehyde:

Partition coefficient: n- : log Pow: 4.686

octanol/water

2-(4-tert-butylbenzyl)propionaldehyde:

Partition coefficient: n- : log Pow: 4.72 (25 °C)

octanol/water

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.

#### **SECTION 14. TRANSPORT INFORMATION**

Transportation Regulation: 49 CFR (USA):

UN1950, Aerosols, flammable, 2.1, - Limited quantity

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Transportation Regulation: IMDG (Vessel): UN1950, AEROSOLS, 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 (lbs) | Calculated product RQ (lbs) |
|------------|---------|--------------------|-----------------------------|
| acetone    | 67-64-1 | 5000               | *                           |

<sup>\*:</sup> Calculated RQ exceeds reasonably attainable upper limit.

### SARA 304 Extremely Hazardous Substances Reportable Quantity

| Components   | CAS-No.  | Component RQ | Calculated product RQ |
|--------------|----------|--------------|-----------------------|
|              |          | (lbs)        | (lbs)                 |
| hydroquinone | 123-31-9 | 100          | *                     |

<sup>\*:</sup> Calculated RQ exceeds reasonably attainable upper limit.

SARA 311/312 Hazards : Flammable (gases, aerosols, liquids, or solids)

Gases under pressure

Serious eye damage or eye irritation Respiratory or skin sensitisation

Reproductive toxicity

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 : The following components are subject to reporting levels

established by SARA Title III, Section 313:

2-(2-ethoxyethoxy)ethanol 111-90-0 2 %

California Prop. 65

This product contains a chemical that is at or below California

Propositions 65's "safe harbor level" for

reproductive/developmental toxicity as determined via a risk assessment. Therefore, the chemical is not required to be

listed as a Prop 65 chemical on the SDS or label.

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

**DSL** This product contains the following components listed on the Canadian

NDSL. All other components 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)

**SECTION 16. OTHER INFORMATION** 

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#### **Further information**

#### NFPA:

| HEALTH          | 3 |
|-----------------|---|
| FLAMMABILITY    | 4 |
| INSTABILITY     | 0 |
| SPECIAL HAZARD. |   |

0 = not significant, 1 = Slight,

2 = Moderate, 3 = High

4 = Extreme

#### HMIS III:

| HEALTH          | 3* |
|-----------------|----|
| FLAMMABILITY    | 4  |
| PHYSICAL HAZARD | 1  |

0 = not significant, 1 = Slight,

2 = Moderate, 3 = High

4 = Extreme, \* = Chronic

#### **OSHA - GHS Label Information:**

Hazard pictograms



Gas cylinder





Signal word

Hazard statements

Danger:

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child.

Precautionary statements

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/ protective clothing/ eye protection/ face protection.

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Response: IF ON SKIN: Wash with plenty of soap and water. 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: Get medical advice/ attention. If skin irritation or rash occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash it before reuse.

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

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

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