Version 1.5 Revision Date 10/01/2023 Print Date 10/11/2023

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name	:	TIMEMIST CITRUS AIR FRESHENER 30 DAY 12N7.1 12CT
Material number	:	0000000001042781
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	yellow			
Odour	characteristic			

### **GHS Classification**

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

#### GHS label elements

Hazard pictograms	Flame Gas cylinder Exclamation mark
Signal word	: Danger
Hazard statements	<ul> <li>H222 Extremely flammable aerosol.</li> <li>H280 Contains gas under pressure; may explode if heated.</li> <li>H319 Causes serious eye irritation.</li> <li>H336 May cause drowsiness or dizziness.</li> </ul>
Precautionary statements	: Prevention:

Version 1.5	Revision Date 10/01/2023	Print Date 10/11/2023
	<ul> <li>P210 Keep away from heat/sparks/oper No smoking.</li> <li>P211 Do not spray on an open flame or P251 Pressurized container: Do not piet use.</li> <li>P261 Avoid breathing dust/ fume/ gas/ r P264 Wash skin thoroughly after handlin P271 Use only outdoors or in a well-ven P280 Wear eye protection/ face protection</li> <li>P304 + P340 + P312 IF INHALED: Rem and keep comfortable for breathing. Call CENTER/doctor if you feel unwell.</li> <li>P305 + P351 + P338 IF IN EYES: Rinse for several minutes. Remove contact ler easy to do. Continue rinsing.</li> <li>P337 + P313 If eye irritation persists: G</li> </ul>	n flames/hot surfaces. r other ignition source. rce or burn, even after mist/ vapours/ spray. ng. tilated area. ion. nove person to fresh air II a POISON e cautiously with water nses, if present and
	attention.	et medical advice/
	Storage:	
	P403 + P233 Store in a well-ventilated   tightly closed.	place. Keep container
	P410 + P412 Protect from sunlight. Do temperatures exceeding 50 °C/ 122 °F. <b>Disposal:</b>	not expose to
	P501 Dispose of contents/container in a regulation.	accordance with local

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Hazardous components

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CAS-No.	Concentration [%]
67-64-1	>= 45 - < 70
74-98-6	>= 10 - < 30
8028-48-6	>= 1 - < 5
8008-57-9	>= 1 - < 5
	67-64-1 74-98-6 8028-48-6

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

### SECTION 4. FIRST AID MEASURES

General advice	<ul> <li>Move out of dangerous area.</li> <li>Show this safety data sheet to the doctor in attendance.</li> <li>Do not leave the victim unattended.</li> <li>Get medical attention.</li> </ul>
If inhaled	: Consult a physician after significant exposure. If unconscious, place in recovery position and seek medical advice.

Version 1.5	Revision Date 10/01/2023	Print Date 10/11/2023
In case of skin contact	: Wash off immediately with soap a Remove contaminated clothing a Wash contaminated clothing befo If skin irritation persists, call a physical	nd shoes. re reuse.
In case of eye contact	: Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing If eye irritation persists, consult a Rinse immediately with plenty of for at least 15 minutes.	specialist.
If swallowed	: Keep respiratory tract clear. Never give anything by mouth to If symptoms persist, call a physic DO NOT induce vomiting unless physician or poison control cente	ian. directed to do so by a
Most important symptoms and effects, both acute and delayed	<ul> <li>Effects are dependent on exposure contact time).</li> <li>Effects are immediate and delayers Symptoms may include irritation, Symptoms may include central neresulting in headache, nausea are Causes serious eye irritation.</li> <li>May cause drowsiness or dizziner Review section 2 of SDS to see and the section 2 of SDS to section 2 of SDS to section 2 of SDS t</li></ul>	ed. redness, pain, and rash. ervous system depression, nd/or dizziness.
Notes to physician	: Treat symptomatically. Symptom	ns may be delayed.

## SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical Water spray jet
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	:	Use a water spray to cool fully closed containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Version 1.5	Revision Date 10/01/2023	Print Date 10/11/2023
Special protective equipment for firefighters	: Wear self-contained breathing apparatus necessary.	s for firefighting if

## SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	E F E	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	F	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. 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. Keep in a dry, cool and well-ventilated place. Observe label precautions. 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	Control	Basis
		(Form of	parameters /	

Version 1.5

Revision Date 10/01/2023

Print Date 10/11/2023

		exposure)	Permissible concentration	
acetone	67-64-1	TWA	250 ppm	ACGIH
		STEL	500 ppm	ACGIH
		TWA	250 ppm 590 mg/m3	NIOSH REL
		TWA	1,000 ppm 2,400 mg/m3	OSHA Z-1
		TWA	750 ppm 1,800 mg/m3	OSHA P0
		STEL	1,000 ppm 2,400 mg/m3	OSHA P0
		STEL	750 ppm 1,780 mg/m3	CAL PEL
		С	3,000 ppm	CAL PEL
		PEL	500 ppm 1,200 mg/m3	CAL PEL
propane	74-98-6	TWA	1,000 ppm 1,800 mg/m3	NIOSH REL
		TWA	1,000 ppm 1,800 mg/m3	OSHA Z-1
		TWA	1,000 ppm 1,800 mg/m3	OSHA P0
		PEL	1,000 ppm 1,800 mg/m3	CAL PEL
Oil of orange	8008-57-9	PEL (Total dust)	10 mg/m3	CAL PEL
		PEL (respirable dust fraction)	5 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.
	In the case of vapour formation use a respirator with an approved filter.

In the case of dust or aerosol formation use respirator with an approved filter.

### Hand protection

Version 1.5	Revision Date 10/01/2023	Print Date 10/11/2023
Remarks	: Skin should be washed after co required.	ontact. No special protection is
	The suitability for a specific work with the producers of the protect	•
Eye protection	: Always wear eye protection wh eye contact with the product ca	•
	Eye wash bottle with pure wate Tightly fitting safety goggles Wear face-shield and protective problems.	
Skin and body protection	: No special protection is require	d.
	Impervious clothing Choose body protection accord concentration of the dangerous	
Hygiene measures	: When using do not eat or drink When using do not smoke. Wash hands before breaks and	

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Aerosol containing a liquefied gas
Colour	:	yellow
Odour	:	characteristic
Odour Threshold	:	No data available
рН	:	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, 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	:	No data available
Solubility(ies)		
Water solubility	:	soluble

Version 1.5	Revision Date 10/01/2023	Print Date 10/11/2023
Solubility in other solvents	: not determined	
Partition coefficient: n- octanol/water	: No data available	
Auto-ignition temperature	: not determined	
Thermal decomposition	: No data available	
Viscosity		
Viscosity, kinematic	: No data available	
Heat of combustion	: 36.44 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 (CO2)

## SECTION 11. TOXICOLOGICAL INFORMATION

## **Potential Health Effects**

Aggravated Medical Condition	:	None known.
Symptoms of Overexposure	:	Effects are dependent on exposure (dose, concentration, contact time). Effects are immediate and delayed. Symptoms may include irritation, redness, pain, and rash. Symptoms may include central nervous system depression, resulting in headache, nausea and/or dizziness. Causes serious eye irritation. May cause drowsiness or dizziness. Review section 2 of SDS to see all potential hazards. Treat symptomatically. Symptoms may be delayed.

Version 1.5	Revision Date 10/01/2023	Print Date 10/11/2023
Carcinogenicity:		
IARC	No component of this product preser equal to 0.1% is identified as probab human carcinogen by IARC.	
ACGIH	No component of this product preser equal to 0.1% is identified as a carci	
OSHA	carcinogen by ACGIH. No component of this product preser	
NTP	equal to 0.1% is on OSHA's list of re No component of this product preser equal to 0.1% is identified as a know by NTP.	nt at levels greater than or
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.		
Remarks: May cause skin irri	tation and/or dermatitis.	
Serious eye damage/eye irritati	on	
Product:		
Remarks: Severe eye irritatio	n	
Remarks: May cause irrevers	ible eye damage.	
Respiratory or skin sensitisatior	ı	
No data available		
Germ cell mutagenicity		
No data available		
Carcinogenicity		
No data available		

Version 1.5

Revision Date 10/01/2023

Print Date 10/11/2023

### **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:	
Partition coefficient: n- octanol/water	: Remarks: No data available
Mobility in soil	
No data available	
Other adverse effects	
No data available <u> <b>Product:</b></u>	
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

Version 1.5

Revision Date 10/01/2023

Print Date 10/11/2023

### SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods	
Waste from residues	<ul> <li>Do not dispose of waste into sewer.</li> <li>Do not contaminate ponds, waterways or ditches with chemical or used container.</li> <li>Dispose of in accordance with local regulations.</li> </ul>
Contaminated packaging	<ul> <li>Empty remaining contents.</li> <li>Dispose of as unused product.</li> <li>Do not re-use empty containers.</li> <li>Do not burn, or use a cutting torch on, the empty drum.</li> </ul>

### SECTION 14. TRANSPORT INFORMATION

Transportation Regulation: 49 CFR (USA): UN1950, Aerosols, flammable, 2.1, - Limited quantity

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

sion 1.5		Revision Date	10/01/2023	Print Date 10/11/202
Components		CAS-No.	Component RQ (lbs)	Calculated product RC (lbs)
acetone		67-64-1	5000	*
*: Calculated RQ exceed	s reasona	bly attainable up	oper limit.	
SARA 304 Extremely H	azardous	Substances Re	eportable Quantity	
Components		CAS-No.	Component RQ (lbs)	Calculated product RC (lbs)
hydroquinone		123-31-9	100	*
SARA 302	S : N	Specific target org	age or eye irritation jan toxicity (single or his material are subje	ct to the reporting
SARA 313	: T k	<ul> <li>requirements of SARA Title III, Section 302.</li> <li>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.</li> </ul>		
California Prop. 65				

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

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)

## SECTION 16. OTHER INFORMATION

Version 1.5

Revision Date 10/01/2023

Print Date 10/11/2023

### **Further information**

#### NFPA:



0 = not significant, 1 = Slight,

2 = Moderate, 3 = High

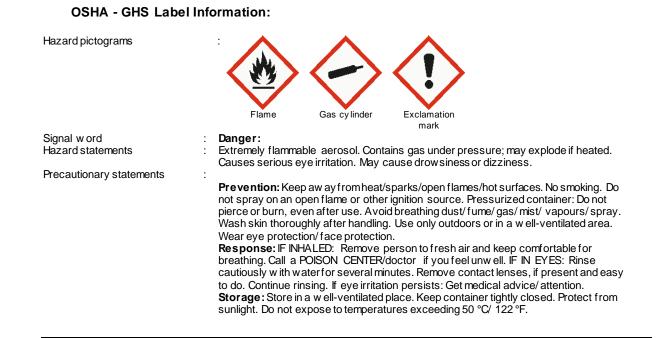
4 = Extreme

#### HMIS III:

HEALTH	2
FLAMMABILITY	4
PHYSICAL HAZARD	2

0 = not significant, 1 =Slight,

- 2 = Moderate, 3 = High
- 4 = Extreme, \* = Chronic



Version 1.5

Revision Date 10/01/2023

Print Date 10/11/2023

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

Version:	1.5
Revision Date:	10/01/2023
Print Date:	10/11/2023

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