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SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name	:	TIMEMIST CUCUMBER MELON AIR FRESHENER 30 DAY 12N5.3 12CT
Material number	:	0000000001042677
Manufacturer or supplier's	deta	ails
Company	:	Zep Inc.
Address	:	350 Joe Frank Harris Parkway, SE Emerson, GA 30137
Telephone	:	404-352-1680

Emergency telephone numbers

For SDS Information	:	Compliance Services 1-877-428-9937
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

Note: This product is labeled as a consumer product in accordance with the United States Consumer Product Safety Commission regulations. The warnings presented below in this Safety Data Sheet (SDS) comply with the 2012 OSHA Hazard Communication Standard (GHS - Globally Harmonized System of Classification and Labeling). The requirements for the labeling and warnings of consumer products may differ from those required for GHS based hazard communication.

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	Aerosol containing a liquefied gas
Colour	colourless
Odour	characteristic

GHS Classification

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

GHS label elements

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Hazard pictograms		
Signal word	Flame Gas cylinder Health : Danger	hazard Exclamation mark
Hazard statements	 H222 Extremely flammable aero H280 Contains gas under press H317 May cause an allergic ski H319 Causes serious eye irritat H336 May cause drowsiness or H361 Suspected of damaging fet 	ure; may explode if heated. n reaction. ion. dizziness.
Precautionary statements	 Prevention: P201 Obtain special instructions P202 Do not handle until all safe and understood. P210 Keep away from heat, hot and other ignition sources. No s P211 Do not spray on an open P251 Pressurized container: Do use. P261 Avoid breathing dust/ fum P264 Wash skin thoroughly afte P271 Use only outdoors or in a P272 Contaminated work clothin the workplace. P280 Wear protective gloves/ p protection/ face protection. Response: P302 + P352 IF ON SKIN: Was P304 + P340 + P312 IF INHALE and keep comfortable for breath CENTER/doctor if you feel unwe P305 + P351 + P338 IF IN EYE for several minutes. Remove co easy to do. Continue rinsing. P308 + P313 IF exposed or con attention. P337 + P313 If skin irritation or advice/ attention. P337 + P313 If skin irritation per attention. P362 + P364 Take off contamin reuse. Storage: P410 + P412 Protect from sunli temperatures exceeding 50 °C/ P403 + P235 Store in a well-ven Disposal: P501 Dispose of contents/contar regulation. 	ety precautions have been in surfaces, sparks, open flam smoking. flame or other ignition source on t pierce or burn, even af e/ gas/ mist/ vapours/ spray er handling. well-ventilated area. ing should not be allowed out rotective clothing/ eye h with plenty of soap and wa ED: Remove person to fresh hing. Call a POISON ell. S: Rinse cautiously with wa ontact lenses, if present and incerned: Get medical advice rash occurs: Get medical insists: Get medical advice/ hated clothing and wash it be ght. Do not expose to 122 °F. itiliated place. Keep cool.

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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
2-benzylideneheptanal	122-40-7	>= 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 re-use. Wash off immediately with plenty of water for at least 15 minutes. 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. Take victim immediately to hospital.
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.

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	Causes serious eye irritation. May cause an allergic skin reaction May cause drowsiness or dizziness Review section 2 of SDS to see all Suspected of damaging fertility or t	s. potential hazards.
Notes to physician	: Treat symptomatically. Symptoms	may be delayed.

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	:	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. 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).

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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. Do not breathe vapours or spray mist. 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 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 (Form of exposure)	Control parameters / Permissible concentration	Basis
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	NIOSH REL

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1		1,800 mg/m3
	TWA	1,000 ppm OSHA Z-1 1,800 mg/m3
	TWA	1,000 ppm OSHA P0 1,800 mg/m3
	PEL	1,000 ppm CAL PEL 1,800 mg/m3

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	s : ef	fective ventilation	on in all proc	essing area	s	
Personal protective ed	quipment					
Respiratory protection		o personal resp quired.	piratory protec	ctive equipn	nent normally	
Hand protection Remarks	go ot cł	bod industrial h her appropriate	ygiene practi skin protect especially if p	ce suggests ion wheneve	required; howe the use of glov or working with frequent contact	es or
Eye protection		lways wear eye /e contact with			ential for inadve xcluded.	rtent
Skin and body protectio	n : N	o special prote	ction is requir	ed.		
Hygiene measures	Ŵ	/hen using do r /hen using do r /ash hands befo	not smoke.		d of workday.	

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Aerosol containing a liquefied gas
Colour	: colourless
Odour	: characteristic

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Odour Threshold	: No data available	
рН	: Not applicable	
Melting point/freezing point	: Not applicable	
Boiling point	: Not applicable	
Flash point	: 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	: 5,515 hPa (21 °C)	
Relative vapour density	: No data available	
Density	: No data available	
Solubility(ies)		
Water solubility	: partly soluble	
Partition coefficient: n- octanol/water	: No data available	
Auto-ignition temperature	: not determined	
Thermal decomposition	: No data available	
Heat of combustion	: 36.67 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).

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SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects	
Aggravated Medical Condition Symptoms of Overexposure	 None known. 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 an allergic skin reaction. May cause drowsiness or dizziness. 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
ACGIH	human carcinogen by IARC. 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 NTP	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens. 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

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2-benzylideneheptanal: Acute oral toxicity	: LD50 Oral Rat: 3,730 mg/kg	
Acute dermal toxicity	: LD50 Dermal Rabbit: > 2,000 mg/kg	
Skin corrosion/irritation		
Product:		
Remarks: May irritate skin.		
Serious eye damage/eye irritati	ion	
Product:		
Remarks: Severe eye irritation	on	
Respiratory or skin sensitisation	n	
Product:		
Remarks: Causes sensitisati	ion.	
Components:		
2-benzylideneheptanal: Classification: May cause se	nsitisation 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:		
Demarka: Symptome of a	verevnesure may be beedeebe dizzine	a tiradaaaa aayaaa

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:

Flouuci.	
Partition coefficient: n- octanol/water <u>Components:</u>	: Remarks: No data available
2-benzylideneheptanal :	
Partition coefficient: n- octanol/water	: log Pow: 4.7
2-(4-tert-butylbenzyl)propiona	Ildehyde :
Partition coefficient: n- octanol/water	: log Pow: 4.72 (25 °C)
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

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 : No data available information

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues	 Dispose of in accordance with local regulations. Do not contaminate ponds, waterways or ditches with chemical or used container. The product should not be allowed to enter drains, water courses or the soil.

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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

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	Calculated product RQ
		(lbs)	(lbs)
acetone	67-64-1	5000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

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

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*: Calculated RQ exceeds rea	asonably attainable upper limit.	
SARA 311/312 Hazards	 Flammable (gases, aerosols, liquids, or solids) Gases under pressure Serious eye damage or eye irritation Reproductive toxicity Specific target organ toxicity (single or repeated exposure) Respiratory or skin sensitisation 	
SARA 302	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
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 contains a chemical t Propositions 65's "safe harbor leve reproductive/developmental toxicit assessment. Therefore, the chemi listed as a Prop 65 chemical on the	el" for ty as determined via a risk cal is not required to be

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

DSLThis product contains one or more components that are listed on the
Canadian NDSL. All other components are on the Canadian DSL.TSCAOn 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	
	Flame Gas cylinder Health hazard Exclamation mark
Signal w ord	: Danger:
Hazard statements	: Extremely flammable aerosol. Contains gas under pressure; may explode if heated
	May cause an allergic skin reaction. Causes serious eye irritation. May cause drow siness 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 aw ay from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an op flame or other ignition source. Pressurized container: Do not pierce or burn, even a use. Avoid breathing dust/fume/ gas/mist/ vapours/ spray. Wash skin thoroughly a handling. Use only outdoors or in a w ell-ventilated area. Contaminated w ork clothir should not be allow ed out of the w orkplace. Wear protective gloves/ protective clot 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 unw ell. 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 w ell-ventilated place. Keep cool.

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

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