ersion 1.2		Revision Date 10/01/2023	Print Date 08/06/2024
CTION 1. PRODUCT AND CO	MP/	ANY IDENTIFICATION	
Material name	:	TIMEMIST CLEAN 'N FRESH AIR F 12N201.3G_12CT	FRESHENER 30 DAY
Material number	:	00000000001045378	
Manufacturer or supplier's o	deta	ails	
Company	:	Zep Inc.	
Address	:	11627 - 178 Street Edmonton, Alberta T5S 1N6 Canada	
Telephone	:	Compliance Services - 877-428-993	7
Emergency telephone nu	ımk	Ders	
For SDS Information		: Compliance Services - 877-428-99	937
For a Medical Emergency		: 877-541-2016 Toll Free - All Calls	
For a Transportation Emergency		: CHEMTREC: 800-424-9300 - All (	Calls Recorded.

### 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
Specific target organ toxicity -	: Category 3 (Central nervous system)
single exposure	

#### **GHS** label elements

Hazard pictograms



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<b>e</b>	-	
Signal word	: Danger	
Hazard statements	<ul> <li>H222 Extremely flammable aero H280 Contains gas under press H317 May cause an allergic skir H319 Causes serious eye irritati H336 May cause drowsiness or</li> </ul>	ure; may explode if heated n reaction. on.
Precautionary statements	<ul> <li>Prevention:</li> <li>P210 Keep away from heat, hot and other ignition sources. No s P211 Do not spray on an open f P251 Do not pierce or burn, even P261 Avoid breathing dust/ fume P264 Wash skin thoroughly after P271 Use only outdoors or in a P272 Contaminated work clothin the workplace.</li> <li>P280 Wear protective gloves/ ey Response:</li> <li>P302 + P352 IF ON SKIN: Wash P304 + P340 + P312 IF INHALE and keep comfortable for breathin CENTER/doctor if you feel unwer P305 + P351 + P338 IF IN EYEE for several minutes. Remove con easy to do. Continue rinsing.</li> <li>P333 + P313 If skin irritation or n advice/ attention.</li> <li>P362 Take off contaminated clo Storage:</li> <li>P403 + P233 Store in a well-ventightly closed.</li> <li>P410 + P412 Protect from sunlig temperatures exceeding 50 °C/Disposal:</li> <li>P501 Dispose of contents/conta regulation.</li> </ul>	moking. Tame or other ignition sour n after use. e/ gas/ mist/ vapours/ spra- r handling. well-ventilated area. ng should not be allowed of ye protection/ face protection h with plenty of water. D: Remove person to fres- ing. Call a POISON ell. S: Rinse cautiously with wantact lenses, if present and rash occurs: Get medical sists: Get medical advice/ thing and wash before reuse tilated place. Keep contain ght. Do not expose to 122 °F.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance / Mixture : Mixture

### Hazardous components

Chemical name	CAS-No.	Concentration [%]
acetone	67-64-1	>= 60 - < 80
propane	74-98-6	>= 10 - < 30
benzyl salicylate	118-58-1	>= 0.1 - < 1
hexyl salicylate	6259-76-3	>= 0.1 - < 1

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3,7-Dimethyloctan-3-yl acetate	20780-48-7	>= 0.1 - < 1
ECTION 4. FIRST AID MEASURE	S	
General advice	: Move out of dangerous area. Show this safety data sheet to th Do not leave the victim unattende Get medical attention.	
If inhaled	: Consult a physician after significant If unconscious, place in recovery advice.	
In case of skin contact	: Wash off immediately with soap Remove contaminated clothing a Wash contaminated clothing befor If skin irritation persists, call a ph	and shoes. ore re-use.
In case of eye contact	<ul> <li>Rinse immediately with plenty of for at least 15 minutes.</li> <li>Remove contact lenses.</li> <li>Protect unharmed eye.</li> <li>Keep eye wide open while rinsing If eye irritation persists, consult a</li> </ul>	g.
If swallowed	: DO NOT induce vomiting unless physician or poison control center Keep respiratory tract clear. Do not give milk or alcoholic bew Never give anything by mouth to If symptoms persist, call a physic	er. erages. an unconscious person.
Most important symptoms and effects, both acute and delayed	<ul> <li>Chronic effects are delayed and symptoms may not be observed during an exposure.</li> <li>Effects are dependent on exposure (dose, concentration, contact time).</li> <li>Effects are immediate and delayed.</li> <li>Symptoms may include irritation, redness, pain, and rash.</li> <li>Symptoms may include central nervous system depression, resulting in headache, nausea and/or dizziness.</li> <li>May cause an allergic skin reaction.</li> <li>Causes serious eye irritation.</li> <li>May cause drowsiness or dizziness.</li> <li>Suspected of damaging fertility or the unborn child.</li> <li>Review section 2 of SDS to see all potential hazards.</li> </ul>	
Notes to physician	: Treat symptomatically. Symptom	ns mav be delaved.

### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Alcohol-resistant foam
	Carbon dioxide (CO2)
	Dry chemical

Version 1.2Revision Date 10/01/2023Print Date 08/06Unsuitable extinguishing media:High volume water jetSpecific hazards during firefighting:Do not allow run-off from fire fighting to enter drains or wa courses.Hazardous combustion products:Carbon dioxide (CO2) Carbon monoxide Smoke Nitrogen oxides (NOx)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 separately. must not be disposed of in accordance with local regulations. Collect contaminated fire extinguishing water separately. must not be discharged into drains.Special protective equipment for firefighters:Wear self-contained breathing apparatus for firefighting if necessary.			
mediaSpecific hazards during firefighting: Do not allow run-off from fire fighting to enter drains or wa courses.Hazardous combustion products: Carbon dioxide (CO2) Carbon monoxide Smoke Nitrogen oxides (NOx)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 r be disposed of in accordance with local regulations. Collect contaminated fire extinguishing water separately. must not be discharged into drains.Special protective equipment: Wear self-contained breathing apparatus for firefighting if	Version 1.2	Revision Date 10/01/2023	Print Date 08/06/2024
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productsCarbon monoxide Smoke Nitrogen oxides (NOx)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 r be disposed of in accordance with local regulations. Collect contaminated fire extinguishing water separately. must not be discharged into drains.Special protective equipment: Wear self-contained breathing apparatus for firefighting if		-	nting to enter drains or water
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 r be disposed of in accordance with local regulations. Collect contaminated fire extinguishing water separately. must not be discharged into drains.Special protective equipment: Wear self-contained breathing apparatus for firefighting if		Carbon monoxide Smoke	
Fire residues and contaminated fire extinguishing water r be disposed of in accordance with local regulations. Collect contaminated fire extinguishing water separately. must not be discharged into drains. Special protective equipment : Wear self-contained breathing apparatus for firefighting if		: Use extinguishing measures that	
	Further information	Fire residues and contaminated be disposed of in accordance with Collect contaminated fire extingu	fire extinguishing water must th local regulations. uishing water separately. This
			pparatus for firefighting if

### 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	<ul> <li>Prevent product from entering drains.</li> <li>Prevent further leakage or spillage if safe to do so.</li> <li>If the product contaminates rivers and lakes or drains, inform respective authorities.</li> </ul>

### SECTION 7. HANDLING AND STORAGE

	Advice on safe handling	<ul> <li>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. Container may be opened only under exhaust ventilation hood.</li> <li>Dispose of rinse water in accordance with local and national regulations.</li> <li>Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not</li> </ul>
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	be employed in any process in wh used.	ich this mixture is being
Conditions for safe storage	<ul> <li>BEWARE: Aerosol is pressurized. exposure and temperatures over 5 or throw into fire even after use. D red-hot objects. No smoking.</li> <li>Observe label precautions.</li> <li>Electrical installations / working matched technological safety standards</li> </ul>	50 °C. Do not open by force o not spray on flames or aterials must comply with
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	500 ppm 1,200 mg/m3	CA AB OEL
		STEL	750 ppm 1,800 mg/m3	CA AB OEL
		TWA	250 ppm	CA BC OEL
		STEL	500 ppm	CA BC OEL
		STEV	1,000 ppm 2,380 mg/m3	CA QC OEL
		TWAEV	500 ppm 1,190 mg/m3	CA QC OEL
		TWA	250 ppm	ACGIH
		STEL	500 ppm	ACGIH
propane	74-98-6	TWA	1,000 ppm	CA AB OEL
• •		TWA	1,000 ppm	CA BC OEL
		TWAEV	1,000 ppm 1,800 mg/m3	CA QC OEL
		TWA	1,000 ppm	CA ON OEL

### **Biological occupational exposure limits**

Components	CAS-No.	Control parameters	Biological specimen	Samplin g time	Permissible concentratio n	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

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Personal protective equip	oment	
Respiratory protection	: No personal respiratory protective required.	e equipment normally
	In the case of vapour formation u approved filter. In the case of dust or aerosol forr approved filter.	
Hand protection Remarks	: Skin should be washed after cont The suitability for a specific workp with the producers of the protecti	place should be discussed
Eye protection	: Safety glasses Eye wash bottle with pure water Tightly fitting safety goggles Wear face-shield and protective s problems.	suit for abnormal processing
Skin and body protection	: No special protection is required. Impervious clothing Choose body protection accord concentration of the dangerou place.	
Hygiene measures	: When using do not eat or drink. When using do not smoke. Wash hands before breaks and a	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
рН	:	Not applicable
Melting point/freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	Not applicable
Evaporation rate	:	not determined
Flammability (solid, gas, liquid)	:	Extremely flammable aerosol.
Upper explosion limit	:	No data available
Lower explosion limit	:	No data available

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Vapour pressure	: 5,515.8 hPa (21 °C)	
	<b>.</b>	
Relative vapour density	: No data available	
Density	: No data available	
Solubility(ies)		
Water solubility	: partly soluble	
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	: 36.86 kJ/g	
	. 30.00 KJ/Y	

### 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 Condition	: None known.
Symptoms of Overexposure	: Chronic effects are delayed and symptoms may not be observed during an exposure.

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	Effects are dependent on exposure contact time). Effects are immediate and delayed Symptoms may include irritation, re Symptoms may include central ner resulting in headache, nausea and May cause an allergic skin reaction Causes serious eye irritation. May cause drowsiness or dizziness Suspected of damaging fertility or Review section 2 of SDS to see all Treat symptomatically. Symptoms	edness, pain, and rash. vous system depression, /or dizziness. n. s. the unborn child. potential hazards.
Carcinogenicity:		
IARC	No component of this product present equal to 0.1% is identified as probable human carcinogen by IARC.	
ACGIH	No component of this product present equal to 0.1% is identified as a carcin carcinogen by ACGIH.	
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	
<b>benzyl salicylate:</b> Acute oral toxicity	: LD50 Oral Rat: 2,227 mg/kg	
Skin corrosion/irritation		
Product:		
Remarks: May cause skin irri	tation and/or dermatitis.	
Serious eye damage/eye irritati	on	
Product: Remarks: May cause irrevers	ible, eve damage	
itemains. May cause illevels	ibic cyclamaye.	

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#### Respiratory or skin sensitisation

#### Product:

Remarks: Causes sensitisation.

#### **Components:**

#### benzyl salicylate:

Classification: May cause sensitisation by skin contact.

#### hexyl salicylate:

Classification: May cause sensitisation by skin contact.

#### 3,7-Dimethyloctan-3-yl acetate:

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

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No data available Bioaccumulative potential		
Product:		
Partition coefficient: n- octanol/water <u>Components:</u> benzyl salicylate:	: Remarks: No data available	
Partition coefficient: n- octanol/water	: log Pow: 4 (35 °C)	
Mobility in soil		
No data available		
Other adverse effects		
No data available <u>Product:</u>		
Additional ecological information	: Not applicable	
mornation	An environmental hazard cannot be event of unprofessional handling or aquatic life with long lasting effects	disposal., Harmful to

#### SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods	
Waste from residues	<ul> <li>The product should not be allowed to enter drains, water courses or the soil.</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 (TDG) / Règlement Pour Le Transport (TMD): (Canada): UN1950, AEROSOLS, FLAMMABLE, 2.1, - Limited quantity

Transportation Regulation / Règlement Pour Le Transport: IMDG (Vessel): UN1950, AEROSOLS, 2.1, - Limited quantity

Transportation Regulation / Règlement Pour Le Transport: IATA (Cargo Air): UN1950, AEROSOLS, FLAMMABLE, 2.1, - Limited quantity

Transportation Regulation / Règlement Pour Le Transport: IATA (Passenger Air):

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UN1950, AEROSOLS, FLAMMABLE, 2.1, - Limited quantity

Transportation Regulation / Règlement Pour Le Transport: 49 CFR (USA): UN1950, AEROSOLS, FLAMMABLE, 2.1, - Limited quantity

The product as delivered to the customer conforms to packaging requirements for shipment by road under Transport Dangerous Goods (TDG) Canada 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

This product has been classified according to the hazard criteria of the HPR and the SDS contains all of the information required by the HPR.

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

DSLThis product contains one or more components that are listed on the<br/>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

WHMIS - GHS Label Information:

Hazard pictograms	
	Flame Gas cylinder 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.
Precautionary statements	
	<b>Prevention:</b> Keep aw ay from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing dust/fume/gas/mist/vapours/spray.

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Wash skin thoroughly after handling. Use only outdoors or in a w ell-ventilated area. Contaminated w ork clothing should not be allow ed out of the w orkplace. Wear protective gloves/ eye protection/ face protection. **Response:** IF ON SKIN: Wash with plenty of w ater. 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 skin irritation or rash occurs: Get

medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and w ash before reuse. **Storage:** Store in a w ell-ventilated place. Keep container tightly closed. 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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