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SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name : TIMEMIST COUNTRY GARDEN PREMIUM AIR

FRESHENER 30 DAY 3000 SHOT

Material number : 00000000001045180

Manufacturer or supplier's details

Company : Zep Inc.

Address 11627 - 178 Street

Edmonton, Alberta T5S 1N6

Canada

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 CHEMTREC: 800-424-9300 - All Calls Recorded. For a Transportation

Emergency

Recommended use of the chemical and restrictions on use

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	Aerosol containing a liquefied gas
Colour	colourless, light yellow
Odour	characteristic

GHS Classification

Flammable aerosols : Category 2 Gases under pressure : Liquefied gas Eye irritation : Category 2A Skin sensitisation : Sub-category 1A

Carcinogenicity : Category 2

single exposure

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

GHS label elements

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Hazard pictograms









Gas cylinder

Health hazard

ard

Signal word : Warning

Hazard statements : H223 Flammable aerosol.

H280 Contains gas under pressure; may explode if heated.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H351 Suspected of causing cancer.

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 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/

attention.

P333 + P313 If skin irritation or rash occurs: Get medical

advice/ attention.

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

attention.

P362 Take off contaminated clothing and wash before reuse.

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.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

Chemical name	CAS-No.	Concentration [%]	
propan-2-ol	67-63-0	>= 10 - < 30	
Distillates (petroleum), hydrotreated light	64742-47-8	>= 5 - < 10	
benzyl alcohol	100-51-6	>= 1 - < 5	
benzyl benzoate	120-51-4	>= 1 - < 5	
benzyl salicylate	118-58-1	>= 0.1 - < 1	
eugenol	97-53-0	>= 0.1 - < 1	
2-benzylideneheptanal	122-40-7	>= 0.1 - < 1	
isoeugenol	97-54-1	>= 0.1 - < 1	
4-(4-hydroxy-4-methylpentyl)cyclohex-3-	31906-04-4	>= 0.1 - < 1	
enecarbaldehyde			
butyl-2',6'-dimethyl-3',5'-dinitroacetophenone	81-14-1	>= 0.1 - < 1	

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

advice.

In case of skin contact : Wash off with soap and water.

Wash off immediately with plenty of water for at least 15

minutes.

Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids,

> for at least 15 minutes. Remove contact lenses. Protect unharmed eye.

Keep eye wide open while rinsing.

If eye irritation persists, consult a specialist.

If swallowed : DO NOT induce vomiting unless directed to do so by a

physician or poison control center. Take victim immediately to hospital. If symptoms persist, call a physician.

Never give anything by mouth to an unconscious person.

Keep respiratory tract clear.

Most important symptoms and effects, both acute and

delayed

: Effects are dependent on exposure (dose, concentration,

contact time).

Effects are immediate and delayed.

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

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Symptoms may include central nervous system depression,

resulting in headache, nausea and/or dizziness.

Chronic effects are delayed and symptoms may not be

observed during an exposure.
Causes serious eye irritation.
May cause drowsiness or dizziness.
May cause an allergic skin reaction.
Suspected of causing cancer.

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 : 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

Fluorine compounds Hydrogen fluoride

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. For safety reasons in case of fire, cans should be stored

separately in closed containments.

Use a water spray to cool fully closed containers.

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

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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.

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.

Always replace cap after use.

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

Strong acids

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
propan-2-ol	67-63-0	TWA	200 ppm 492 mg/m3	CA AB OEL

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		STEL	400 ppm 984 mg/m3	CA AB OEL
		TWA	200 ppm	CA BC OEL
		STEL	400 ppm	CA BC OEL
		TWAEV	400 ppm 983 mg/m3	CA QC OEL
		STEV	500 ppm 1,230 mg/m3	CA QC OEL
		TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH
Distillates (petroleum), hydrotreated light	64742-47-8	TWA	200 mg/m3 (As total hydrocarbon vapour)	CA BC OEL
		TWA	200 mg/m3 (total hydrocarbon vapor)	CA AB OEL

Biological occupational exposure limits

Components	CAS-No.	Control	Biological	Samplin	Permissible	Basis
		parameters	specimen	g time	concentratio	
					n	
PROPAN-2-OL	67-63-0	Acetone	Urine	End of shift at end of workwee k	40 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.

Hygiene measures : When using do not eat or drink.

When using do not smoke.

Wash hands before breaks and at the end of workday. Avoid prolonged or repeated breathing of vapour.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Aerosol containing a liquefied gas

Colour : colourless, light yellow

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Odour : characteristic

Odour Threshold : No data available

pH : Not applicable

Melting point/freezing point : No data available

Boiling point : No data available

Flash point :

Not applicable

Evaporation rate : No data available

Flammability (solid, gas,

: Flammable aerosol.

liquid)

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 : negligible

Partition coefficient: n-

octanol/water

: No data available

Auto-ignition temperature : not determined

Thermal decomposition : No data available

Viscosity

Viscosity, kinematic : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : Stable

Chemical stability : Stable under normal conditions.

Possibility of hazardous

reactions

: No decomposition if stored and applied as directed.

Vapours may form explosive mixture with air.

Conditions to avoid : Heat, flames and sparks.

Extremes of temperature and direct sunlight.

Incompatible materials : Acids

Oxidizing agents

Hazardous decomposition

products

Carbon monoxide, carbon dioxide and unburned

hydrocarbons (smoke).

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Fluorocarbons

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.

Chronic effects are delayed and symptoms may not be

observed during an exposure.
Causes serious eye irritation.
May cause drowsiness or dizziness.
May cause an allergic skin reaction.
Suspected of causing cancer.

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.

Acute toxicity

Product:

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg

Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate : > 10 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate : > 5,000 mg/kg

Method: Calculation method

Components:

propan-2-ol:

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Acute oral toxicity : LD50 Oral Rat: 4,396 mg/kg

Method: Calculation method

Distillates (petroleum), hydrotreated light:

Acute oral toxicity : LD50 Rat: > 5,000 mg/kg

Acute inhalation toxicity : LC50 Rat: > 4.6 mg/l

Exposure time: 6 h

Acute dermal toxicity : LD50 Rat: > 2,000 mg/kg

benzyl alcohol:

Acute dermal toxicity : LD50 Rabbit: 1,250 mg/kg

benzyl salicylate:

Acute oral toxicity : LD50 Oral Rat: 2,227 mg/kg

2-benzylideneheptanal:

Acute oral toxicity : LD50 Oral Rat: 3,730 mg/kg

Acute dermal toxicity : LD50 Dermal Rabbit: > 2,000 mg/kg

 $\hbox{\bf 4-(4-hydroxy-4-methylpentyl)} cyclohex-\hbox{\bf 3-ene} carbal dehyde:$

Acute oral toxicity : LD50 Oral Rat: 3,227 mg/kg

Acute dermal toxicity : LD50 Dermal Rabbit: 11,221 mg/kg

Skin corrosion/irritation

Product:

Remarks: May cause skin irritation and/or dermatitis.

Serious eye damage/eye irritation

Product:

Remarks: Eye irritation

Respiratory or skin sensitisation

Product:

Remarks: Causes sensitisation.

Components:

benzyl salicylate:

Classification: May cause sensitisation by skin contact.

eugenol:

Classification: May cause sensitisation by skin contact.

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2-benzylideneheptanal:

Classification: May cause sensitisation by skin contact.

4-(4-hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde:

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: No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

Product:

Partition coefficient: n-

octanol/water

Components:

propan-2-ol:
Partition coefficient: n-

octanol/water

: Remarks: No data available

: log Pow: 0.05

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benzyl alcohol:

Partition coefficient: n-

octanol/water

: log Pow: 1.05 (20 °C)

benzyl benzoate:

Partition coefficient: n-

: log Pow: 4

octanol/water benzyl salicylate:

Partition coefficient: n-

: log Pow: 4 (35 °C)

octanol/water

eugenol:
Partition coefficient: n-

: log Pow: 2.7

octanol/water

2-benzylideneheptanal:

Partition coefficient: n-

: log Pow: 4.7

octanol/water isoeugenol:

Partition coefficient: n-

: log Pow: 2.1

octanol/water

Mobility in soil

No data available

Other adverse effects

No data available

Product:

Additional ecological

information

: No data available

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.

Contaminated packaging : Empty remaining contents.

Do not burn, or use a cutting torch on, the empty drum.

Dispose of as unused product. Do not re-use empty containers.

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):

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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): 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:

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

WHMIS - GHS Label Information:

Hazard pictograms



Gas cylinder





Signal word : Warning:

Hazard statements : Flammable aerosol. Contains gas under pressure; may explode if heated. May cause

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an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer.

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.

Response: IF ON SKIN: Wash with plenty of 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 before reuse.

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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