

# SAFETY DATA SHEET

## CINTAS SANIS CLEAN BREEZE MICRO METERED AIR FRESHENER 5N2 12CT

Version 2.3

Revision Date 10/01/2023

Print Date 04/25/2025

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name : CINTAS SANIS CLEAN BREEZE MICRO METERED AIR FRESHENER 5N2 12CT

Material number : 000000000001049495

#### 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

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

#### Recommended use of the chemical and restrictions on use

### SECTION 2. HAZARDS IDENTIFICATION

#### Emergency Overview

Appearance	Aerosol containing a liquefied gas
Colour	colourless
Odour	pleasant

#### GHS Classification

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

#### GHS label elements

# SAFETY DATA SHEET

## CINTAS SANIS CLEAN BREEZE MICRO METERED AIR FRESHENER 5N2 12CT

Version 2.3

Revision Date 10/01/2023

Print Date 04/25/2025

Hazard pictograms

:



Flame



Gas cylinder



Exclamation mark

Signal word

: Danger

Hazard statements

: H222 Extremely 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.

Precautionary statements

: **Prevention:**  
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 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/ 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.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.  
**Storage:**  
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
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**

# SAFETY DATA SHEET

## CINTAS SANIS CLEAN BREEZE MICRO METERED AIR FRESHENER 5N2 12CT

Version 2.3

Revision Date 10/01/2023

Print Date 04/25/2025

Chemical name	CAS-No.	Concentration [%]
acetone	67-64-1	$\geq 60 - < 80$
propane	74-98-6	$\geq 10 - < 30$
benzyl salicylate	118-58-1	$\geq 0.1 - < 1$
hexyl salicylate	6259-76-3	$\geq 0.1 - < 1$
3,7-Dimethyloctan-3-yl acetate	20780-48-7	$\geq 0.1 - < 1$

### 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.  
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 : Wash off immediately with soap and plenty of water.  
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.  
Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.  
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.  
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.

# SAFETY DATA SHEET

## CINTAS SANIS CLEAN BREEZE MICRO METERED AIR FRESHENER 5N2 12CT

Version 2.3

Revision Date 10/01/2023

Print Date 04/25/2025

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### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Alcohol-resistant foam Carbon dioxide (CO <sub>2</sub> ) 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 (CO <sub>2</sub> ) Carbon monoxide Smoke Nitrogen oxides (NO <sub>x</sub> )
Specific extinguishing methods	: Do not allow run-off from fire fighting to enter drains or water courses.
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.
Special protective equipment for firefighters	: Wear self-contained breathing apparatus for firefighting if necessary.

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### 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	: Pick up and transfer to properly labelled containers.

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### 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.
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# SAFETY DATA SHEET

## CINTAS SANIS CLEAN BREEZE MICRO METERED AIR FRESHENER 5N2 12CT

Version 2.3

Revision Date 10/01/2023

Print Date 04/25/2025

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.  
Electrical installations / working materials must comply with the technological safety standards.  
Keep in a cool, well-ventilated place.

Materials to avoid : Strong 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	Sampling time	Permissible concentration	Basis
2-PROPANONE	67-64-1	Acetone	Urine	End of shift (As soon as possible)	25 mg/l	ACGIH BEI

# SAFETY DATA SHEET

## CINTAS SANIS CLEAN BREEZE MICRO METERED AIR FRESHENER 5N2 12CT

Version 2.3

Revision Date 10/01/2023

Print Date 04/25/2025

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**Engineering measures** : effective ventilation in all processing areas

### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection  
Remarks : The use of skin protection is not normally required; however, good industrial hygiene practice suggests the use of gloves or other appropriate skin protection whenever working with chemicals, and especially if prolonged or frequent contact is possible or likely.

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 : pleasant

Odour Threshold : No data available

pH : Not applicable

Melting point/freezing point : Not applicable

Boiling point : Not applicable

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

Density : 0.808 g/cm<sup>3</sup>

Solubility(ies)

# SAFETY DATA SHEET

## CINTAS SANIS CLEAN BREEZE MICRO METERED AIR FRESHENER 5N2 12CT

Version 2.3

Revision Date 10/01/2023

Print Date 04/25/2025

Water solubility	: partly soluble
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Thermal decomposition	: No data available
Viscosity	
Viscosity, kinematic	: No data available
Heat of combustion	: 36.1 kJ/g

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### 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	: Strong 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	: None known.
Symptoms of Overexposure	: 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.

# SAFETY DATA SHEET

## CINTAS SANIS CLEAN BREEZE MICRO METERED AIR FRESHENER 5N2 12CT

Version 2.3

Revision Date 10/01/2023

Print Date 04/25/2025

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.

### **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

##### **benzyl salicylate:**

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

### **Skin corrosion/irritation**

#### **Product:**

Remarks: May irritate skin.

### **Serious eye damage/eye irritation**

#### **Product:**

Remarks: Severe eye irritation

### **Respiratory or skin sensitisation**

#### **Product:**

Remarks: Causes sensitisation.

#### **Components:**

##### **benzyl salicylate:**

Classification: May cause sensitisation by skin contact.



# SAFETY DATA SHEET

## CINTAS SANIS CLEAN BREEZE MICRO METERED AIR FRESHENER 5N2 12CT

Version 2.3

Revision Date 10/01/2023

Print Date 04/25/2025

### **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: Not applicable

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## **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

#### **Components:**

**benzyl salicylate :**  
Partition coefficient: n-octanol/water : log Pow: 4 (35 °C)

# SAFETY DATA SHEET

## CINTAS SANIS CLEAN BREEZE MICRO METERED AIR FRESHENER 5N2 12CT

Version 2.3

Revision Date 10/01/2023

Print Date 04/25/2025

### Mobility in soil

No data available

### Other adverse effects

No data available

#### Product:

Additional ecological : Not applicable  
information

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : The product should not be allowed to enter drains, water courses or the soil.  
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.

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## SECTION 14. TRANSPORT INFORMATION

Transportation Regulation (TDG) / Règlement Pour Le Transport (TMD): (Canada): UN1950, AEROSOLS, FLAMMABLE, 2.1, - Limited quantity
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Transportation Regulation / Règlement Pour Le Transport: IMDG (Vessel): UN1950, AEROSOLS, 2.1, - Limited quantity
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Transportation Regulation / Règlement Pour Le Transport: IATA (Cargo Air): UN1950, AEROSOLS, FLAMMABLE, 2.1, - Limited quantity
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Transportation Regulation / Règlement Pour Le Transport: IATA (Passenger Air): UN1950, AEROSOLS, FLAMMABLE, 2.1, - Limited quantity
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Transportation Regulation / Règlement Pour Le Transport: 49 CFR (USA): UN1950, AEROSOLS, FLAMMABLE, 2.1, - Limited quantity
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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.

# SAFETY DATA SHEET

## CINTAS SANIS CLEAN BREEZE MICRO METERED AIR FRESHENER 5N2 12CT

Version 2.3

Revision Date 10/01/2023

Print Date 04/25/2025

### 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:**

**DSL** This product contains one or more components that are 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.

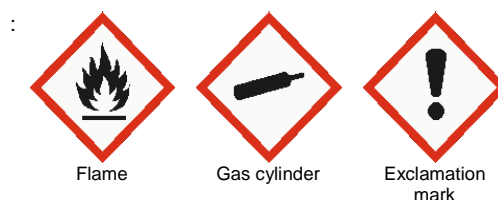
#### Inventory Acronym and Validity Area Legend:

TSCA (USA), DSL (Canada), NDSL (Canada)

### SECTION 16. OTHER INFORMATION

#### WHMIS - GHS Label Information:

Hazard pictograms



Signal word

Hazard statements

Precautionary 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.

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

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

Version:

2.3

# **SAFETY DATA SHEET**

## **CINTAS SANIS CLEAN BREEZE MICRO METERED AIR FRESHENER**

### **5N2 12CT**

Version 2.3

Revision Date 10/01/2023

Print Date 04/25/2025

---

Revision Date:	10/01/2023
Print Date:	04/25/2025

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