



# SAFETY DATA SHEET

## 1. Identification

**Product identifier:** CUCUMBER MELON METERED AIR FRESHENER

**Other means of identification**

**SDS number:** RE1000003939

Canadian Importer  
Advantage Maintenance Products Ltd.  
105 Scott Ave  
Paris, ON N3L 3E7  
(519) 442-7881

**Recommended restrictions**

**Recommended use:**

**Restrictions on use:** Not known.

**Manufacturer/Importer/Distributor Information**

Company Name: CLAIRE MANUFACTURING COMPANY  
Address: 8001 KEELE STREET  
VAUGHAN, ONTARIO L4K 1Y8  
Telephone: 1-800-252-4731

**Emergency telephone number:** 1-866-836-8855

## 2. Hazard(s) identification

### Hazard Classification

**Physical Hazards**

Flammable aerosol Category 1

**Health Hazards**

Serious Eye Damage/Eye Irritation Category 2A

Skin sensitizer Category 1

Specific Target Organ Toxicity -  
Single Exposure Category 3<sup>1</sup>

**Target Organs**

1.Narcotic effect.

### Label Elements

**Hazard Symbol:**



**Signal Word:** Danger

**Hazard Statement:** Extremely flammable aerosol.  
Causes serious eye irritation.  
May cause an allergic skin reaction.  
May cause drowsiness or dizziness.



## Precautionary Statements

<b>Prevention:</b>	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/vapors/spray. Wash 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.
<b>Response:</b>	IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. 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 eye irritation persists: Get medical advice/attention.
<b>Storage:</b>	Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.
<b>Disposal:</b>	Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.
<b>Other hazards which do not result in GHS classification:</b>	None.

## 3. Composition/information on ingredients

### Mixtures

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)*
2-Propanone		67-64-1	45 - 70%
Propane		74-98-6	7 - 13%
Butane		106-97-8	7 - 13%
Benzoic acid, phenylmethyl ester		120-51-4	1 - 5%
Heptanal, 2-(phenylmethylene)-		122-40-7	0.1 - 1%

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

## 4. First-aid measures

<b>Ingestion:</b>	Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
<b>Inhalation:</b>	Move to fresh air.
<b>Skin Contact:</b>	If skin irritation occurs: Get medical advice/attention. Destroy or thoroughly clean contaminated shoes. Immediately remove contaminated clothing and shoes and wash skin with soap and plenty of water. If skin irritation or an allergic skin reaction develops, get medical attention.
<b>Eye contact:</b>	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.

### Most important symptoms/effects, acute and delayed

<b>Symptoms:</b>	No data available.
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**Hazards:** No data available.

**Indication of immediate medical attention and special treatment needed**

**Treatment:** No data available.

**5. Fire-fighting measures**

**General Fire Hazards:** Use water spray to keep fire-exposed containers cool. Fight fire from a protected location. Move containers from fire area if you can do so without risk.

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical:** Vapors may travel considerable distance to a source of ignition and flash back.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind. See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away.

**Methods and material for containment and cleaning up:** Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

**Notification Procedures:** Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do so without risk.

**Environmental Precautions:** Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.

**7. Handling and storage**

**Precautions for safe handling:** Avoid contact with eyes. Wash hands thoroughly after handling. 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 contact with eyes, skin, and clothing.



**Conditions for safe storage,  
including any  
incompatibilities:**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.  
Aerosol Level 3

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values	Source
2-Propanone	STEL	750 ppm 1,800 mg/m3	Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2), as amended (07 2009)
2-Propanone	STEL	500 ppm	Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)
2-Propanone	TWA	250 ppm	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (08 2017)
	STEL	500 ppm	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (08 2017)
	TWA	250 ppm	Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)
2-Propanone	TWA	250 ppm	Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act), as amended (03 2015)
2-Propanone	8 HR ACL	500 ppm	Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21), as amended (05 2009)
	STEL	500 ppm	Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act), as amended (03 2015)
2-Propanone	STEL	1,000 ppm 2,380 mg/m3	Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment), as amended (09 2017)
	TWA	500 ppm 1,200 mg/m3	Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2), as amended (07 2009)
	TWA	500 ppm 1,190 mg/m3	Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment), as amended (09 2017)
	15 MIN ACL	750 ppm	Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21), as amended (05 2009)
2-Propanone	TWA	250 ppm	US. ACGIH Threshold Limit Values, as amended (03 2015)
	STEL	500 ppm	US. ACGIH Threshold Limit Values, as amended (03 2015)
Propane	TWA	1,000 ppm	Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2), as amended (07 2009)
Propane	8 HR ACL	1,000 ppm	Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21), as amended (05 2009)
Propane	TWA	1,000 ppm 1,800 mg/m3	Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment), as amended (12 2008)
Propane	TWA	1,000 ppm	Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)
	15 MIN ACL	1,250 ppm	Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21), as amended (05 2009)
Butane	STEL	1,000 ppm	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (08 2017)
Butane	STEL	750 ppm	Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (06 2017)
	TWA	600 ppm	Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (06 2017)
Butane	TWA	800 ppm 1,900 mg/m3	Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment), as amended (12 2008)
Butane	TWA	1,000 ppm	Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2), as amended (07 2009)
Butane	8 HR ACL	1,000 ppm	Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21), as amended (05 2009)



Butane	STEL	1,000 ppm	Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act), as amended (03 2018)
	15 MIN ACL	1,250 ppm	Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21), as amended (05 2009)
Butane	STEL	1,000 ppm	US. ACGIH Threshold Limit Values, as amended (03 2018)
2,6-Octadienal, 3,7-dimethyl- - Inhalable fraction and vapor.	TWA	5 ppm	Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act), as amended (03 2011)
2,6-Octadienal, 3,7-dimethyl- - Inhalable fraction and vapor.	TWA	5 ppm	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (06 2015)
2,6-Octadienal, 3,7-dimethyl- - Inhalable fraction and vapor.	TWA	5 ppm	US. ACGIH Threshold Limit Values, as amended (01 2010)

**Appropriate Engineering Controls**

No data available.

**Individual protection measures, such as personal protective equipment**

**General information:** Provide easy access to water supply and eye wash facilities. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Eye/face protection:** Wear safety glasses with side shields (or goggles).

**Skin Protection**

**Hand Protection:** No data available.

**Other:** Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.

**Respiratory Protection:** In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.

**Hygiene measures:** Avoid contact with eyes. Observe good industrial hygiene practices. When using do not smoke. Contaminated work clothing should not be allowed out of the workplace. Avoid contact with skin.

**9. Physical and chemical properties**

**Appearance**

**Physical state:** liquid  
**Form:** Spray Aerosol  
**Color:** No data available.  
**Odor:** No data available.  
**Odor threshold:** No data available.  
**pH:** No data available.  
**Melting point/freezing point:** No data available.  
**Initial boiling point and boiling range:** No data available.  
**Flash Point:** Estimated -104.44 °C  
**Evaporation rate:** No data available.  
**Flammability (solid, gas):** No data available.  
**Upper/lower limit on flammability or explosive limits**



<b>Flammability limit - upper (%):</b>	Estimated 9.5 %(V)
<b>Flammability limit - lower (%):</b>	estimated 1.9 %(V)
<b>Explosive limit - upper (%):</b>	No data available.
<b>Explosive limit - lower (%):</b>	No data available.
<b>Vapor pressure:</b>	No data available.
<b>Vapor density:</b>	No data available.
<b>Density:</b>	No data available.
<b>Relative density:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in water:</b>	No data available.
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>Auto-ignition temperature:</b>	No data available.
<b>Decomposition temperature:</b>	No data available.
<b>Viscosity:</b>	No data available.

## 10. Stability and reactivity

<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	No data available.
<b>Conditions to avoid:</b>	Avoid heat or contamination.
<b>Incompatible Materials:</b>	No data available.
<b>Hazardous Decomposition Products:</b>	No data available.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation:</b>	No data available.
<b>Skin Contact:</b>	No data available.
<b>Eye contact:</b>	No data available.
<b>Ingestion:</b>	No data available.

### Symptoms related to the physical, chemical and toxicological characteristics

<b>Inhalation:</b>	No data available.
<b>Skin Contact:</b>	No data available.
<b>Eye contact:</b>	No data available.
<b>Ingestion:</b>	No data available.



## Information on toxicological effects

### Acute toxicity (list all possible routes of exposure)

#### Oral

**Product:** ATEmix: 24,091.44 mg/kg

#### Dermal

**Product:** ATEmix: 96,365.77 mg/kg

#### Inhalation

**Product:** Not classified for acute toxicity based on available data.

#### Specified substance(s):

2-Propanone LC 50 (Rat): 50.1 mg/l

Propane LC 50: > 100 mg/l  
LC 50: > 100 mg/l

Butane LC 50: > 100 mg/l  
LC 50: > 100 mg/l

Benzoic acid,  
phenylmethyl ester LC 50: > 100 mg/l  
LC 50: > 100 mg/l

### Repeated dose toxicity

**Product:** No data available.

#### Specified substance(s):

2-Propanone NOAEL (Rat(Male), Oral, 13 Weeks): 10,000 ppm(m) Oral Experimental result, Key study

Propane NOAEL (Rat(Female, Male), Inhalation, >= 28 d): 4,000 ppm(m) Inhalation Experimental result, Key study  
LOAEL (Rat(Female, Male), Inhalation, >= 28 d): 12,000 ppm(m) Inhalation Experimental result, Key study

Butane LOAEL (Rat(Female, Male), Inhalation, >= 28 d): 12,000 ppm(m) Inhalation Experimental result, Key study  
NOAEL (Rat(Female, Male), Inhalation, >= 28 d): 4,000 ppm(m) Inhalation Experimental result, Key study

Benzoic acid,  
phenylmethyl ester NOAEL (Rat(Female, Male), Dermal, 4 Weeks): 781 mg/kg Dermal Experimental result, Key study

### Skin Corrosion/Irritation

**Product:** No data available.

#### Specified substance(s):

2-Propanone in vivo (Rabbit): Not irritant Experimental result, Supporting study

Benzoic acid,  
phenylmethyl ester in vivo (Rabbit): Not irritant Experimental result, Key study

### Serious Eye Damage/Eye Irritation

**Product:** No data available.

#### Specified substance(s):

2-Propanone Irritating.  
Rabbit, 24 hrs: Minimum grade of severe eye irritant

### Respiratory or Skin Sensitization

**Product:** No data available.



**Specified substance(s):**

2-Propanone

Skin sensitization:, in vivo (Guinea pig): Non sensitising

**Carcinogenicity**

**Product:**

No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogenic components identified

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

**ACGIH Carcinogen List:**

No carcinogenic components identified

**Germ Cell Mutagenicity**

**In vitro**

**Product:**

No data available.

**In vivo**

**Product:**

No data available.

**Reproductive toxicity**

**Product:**

No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:**

No data available.

**Specified substance(s):**

2-Propanone

Inhalation - vapor: Narcotic effect. - Category 3 with narcotic effects.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:**

No data available.

**Target Organs**

Specific Target Organ Toxicity - Single Exposure: Narcotic effect.

**Aspiration Hazard**

**Product:**

No data available.

**Other effects:**

No data available.

**12. Ecological information**

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:**

No data available.

**Specified substance(s):**

2-Propanone

LC 50 (Oncorhynchus mykiss, 96 h): 5,540 mg/l Experimental result, Key study

Propane

LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study

Butane

LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study





Benzoic acid, phenylmethyl ester LC 50 (Danio rerio, 96 h): 2.32 mg/l Experimental result, Key study

Heptanal, 2-(phenylmethylene)- LC 50 (96 h): Estimated 5 mg/l

#### **Aquatic Invertebrates**

**Product:** No data available.

**Specified substance(s):**

2-Propanone LC 50 (Daphnia pulex, 48 h): 8,800 mg/l Experimental result, Key study

Butane LC 50 (Daphnia sp., 48 h): 69.43 mg/l QSAR QSAR, Key study

Benzoic acid, phenylmethyl ester EC 50 (Daphnia magna, 48 h): 3.09 mg/l Experimental result, Key study

#### **Chronic hazards to the aquatic environment:**

##### **Fish**

**Product:** No data available.

##### **Aquatic Invertebrates**

**Product:** No data available.

**Specified substance(s):**

2-Propanone LOAEL (Daphnia magna): 2,212 mg/l Experimental result, Key study  
NOAEL (Daphnia magna): 2,212 mg/l Experimental result, Key study

Benzoic acid, phenylmethyl ester NOAEL (Daphnia magna): 0.258 mg/l Experimental result, Key study  
LOAEL (Daphnia magna): 0.455 mg/l Experimental result, Key study

##### **Toxicity to Aquatic Plants**

**Product:** No data available.

#### **Persistence and Degradability**

##### **Biodegradation**

**Product:** No data available.

**Specified substance(s):**

2-Propanone 90.9 % (28 d) Detected in water. Experimental result, Key study

Propane 100 % (385.5 h) Detected in water. Experimental result, Key study  
50 % (3.19 d) Detected in water. QSAR, Weight of Evidence study

Butane 100 % (385.5 h) Detected in water. Experimental result, Key study

Benzoic acid, phenylmethyl ester 94 % (28 d) Detected in water. Experimental result, Key study

##### **BOD/COD Ratio**

**Product:** No data available.

#### **Bioaccumulative potential**

##### **Bioconcentration Factor (BCF)**

**Product:** No data available.

**Specified substance(s):**

2-Propanone

Haddock, adult, Bioconcentration Factor (BCF): 0.69 Aquatic sediment  
Experimental result, Not specifiedBenzoic acid,  
phenylmethyl ester

Bioconcentration Factor (BCF): 193.4 Aquatic sediment QSAR, Key study

**Partition Coefficient n-octanol / water (log Kow)****Product:**

No data available.

**Mobility in soil:**

No data available.

**Known or predicted distribution to environmental compartments**

2-Propanone

No data available.

Propane

No data available.

Butane

No data available.

Benzoic acid, phenylmethyl ester

No data available.

Heptanal, 2-(phenylmethylene)-

No data available.

**Other adverse effects:**

No data available.

**13. Disposal considerations****Disposal instructions:**

Wash before disposal. Dispose to controlled facilities.

**Contaminated Packaging:**

No data available.

**14. Transport information****TDG**

UN Number:

UN 1950

UN Proper Shipping Name:

Aerosols, flammable

Transport Hazard Class(es)

Class:

2.1

Label(s):

—

EmS No.:

Packing Group:

—

Environmental Hazards:

No

Marine Pollutant

No

Special precautions for user:

None known.

**IMDG**

UN Number:

UN 1950

UN Proper Shipping Name:

Aerosols, flammable

Transport Hazard Class(es)

Class:

2.1

Label(s):

—

EmS No.:

F-D, S-U

Packing Group:

—

Environmental Hazards:

No

Marine Pollutant

No

Special precautions for user:

None known.



#### IATA

UN Number:	UN 1950
Proper Shipping Name:	Aerosols, flammable
Transport Hazard Class(es):	
Class:	2.1
Label(s):	—
Packing Group:	—
Environmental Hazards:	No
Marine Pollutant	No
Special precautions for user:	None known.

### 15. Regulatory information

#### Canada Federal Regulations

##### List of Toxic Substances (CEPA, Schedule 1)

###### Chemical Identity

2-Propanone

##### Export Control List (CEPA 1999, Schedule 3)

###### Chemical Identity

2-Propanone

##### National Pollutant Release Inventory (NPRI)

###### Canada. National Pollutant Release Inventory (NPRI) Substances, Part 5, VOCs with Additional Reporting Requirements

NPRI PT5	2-Propanone
	Propane
	Butane
	Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)-

###### Canada. National Pollutant Release Inventory (NPRI) (Schedule 1, Parts 1-4)

NPRI	2-Propanone
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##### Greenhouse Gases

###### Chemical Identity

2-Propanone

##### Controlled Drugs and Substances Act

CA CDSI	2-Propanone
CA CDSII	2-Propanone
CA CDSIII	2-Propanone
CA CDSIV	2-Propanone
CA CDSV	2-Propanone
CA CDSVII	2-Propanone
CA CDSVIII	2-Propanone

##### Precursor Control Regulations

###### Chemical Identity

2-Propanone



## International regulations

### Montreal protocol

2-Propanone

### Stockholm convention

2-Propanone

### Rotterdam convention

2-Propanone

Organics

### Kyoto protocol

## Inventory Status:

Australia AICS:	On or in compliance with the inventory
Canada DSL Inventory List:	On or in compliance with the inventory
Canada NDSL Inventory:	Not in compliance with the inventory.
Ontario Inventory:	Not in compliance with the inventory.
China Inv. Existing Chemical Substances:	On or in compliance with the inventory
Japan (ENCS) List:	Not in compliance with the inventory.
Japan ISHL Listing:	Not in compliance with the inventory.
Japan Pharmacopoeia Listing:	Not in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI):	On or in compliance with the inventory
Mexico INSQ:	Not in compliance with the inventory.
New Zealand Inventory of Chemicals:	On or in compliance with the inventory
Philippines PICCS:	On or in compliance with the inventory
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory
US TSCA Inventory:	On or in compliance with the inventory
EINECS, ELINCS or NLP:	Not in compliance with the inventory.

## 16. Other information, including date of preparation or last revision

**Issue Date:** 01/03/2022

**Revision Date:** No data available.

**Version #:** 1.0

**Further Information:** No data available.

**Disclaimer:** This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.