



SAFETY DATA SHEET

According to
HSNO Hazardous Substances (Safety Data Sheets) Notice 2017

Section 1. Identification of the material and the supplier

Product: **C-Tec Refine Floral Air Freshener**
Other Names: Refine Floral Air Freshener
Product Use: Air Freshener
Restriction of Use: Refer to Section 15

New Zealand Supplier: **2CARE PRODUCTS**
Address: 9 Donnor Place
Mt Wellington
Auckland

Telephone: 0800 753 753
Fax: 09 574 5999
Emergency No: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 24 May 2022 v2

Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval No: Aerosols (Flammable) – HSR002515

Pictograms:



Signal Word: **Warning**

GHS Classification and Category	HSNO Classification	Hazard Code	Hazard Statement
Flammable Liquids Cat. 3	3.1C	H226	Flammable liquid and vapour.
Eye irritation Cat. 2	6.4A	H319	Causes serious eye irritation.
Skin sensitisation Cat. 1	6.5B	H317	May cause an allergic skin reaction.

Prevention Code	Prevention Statement
P103	Read label before use.
P210	Keep away from heat, sparks, open flames or hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground, bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.

Product Name: C-Tec Refine Floral Air Freshener
Date of SDS: 24 May 2022

SDS Prepared by: 2Care Products
Version 002

P261	Avoid breathing dust, fumes, gas, mist, vapours or spray.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective clothing as detailed in Section 8.

Response Code	Response Statement
P280	Wear protective clothing as detailed in Section 8.
P363	Wash contaminated clothing before reuse.
P303 + P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
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.
P370 + P378	In case of fire: Use dry powder, carbon dioxide, alcohol resistant foam or water mist for extinction.

Storage Code	Storage Statement
P403 + P235	Store in a well-ventilated place. Keep cool.

Disposal Code	Disposal Statement
P501	Do not let this product enter the environment. Do not dispose of in waterways or sewers. Dispose of this material and its container as hazardous waste, via a licensed facility. See local council for disposal/recycling information.

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Isopropyl Alcohol	10 - 20%	67-63-0
Fragrance	< 5%	Proprietary
Other ingredients	< 10%	
Water	Balance	7732-18-5

Section 4. First Aid Measures

Routes of Exposure:

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.

If on Skin Remove/Take off immediately all contaminated clothing. Wash skin with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/ attention.

If Swallowed Do not induce vomiting. Give water to drink immediately to dilute. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Call a POISON CENTER or doctor/physician if you feel unwell.

If Inhaled Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Apply artificial respiration if not breathing. Get medical advice if breathing becomes difficult.

Most important symptoms and effects, both acute and delayed

Symptoms:

Ingestion: Not applicable

Product Name: C-Tec Refine Floral Air Freshener
Date of SDS: 24 May 2022

SDS Prepared by: 2Care Products
Version 002

Inhalation: Not applicable
Skin: May cause an allergic skin reaction.
Eye: Causes severe eye irritation.

Notes to Doctor: Treat symptomatically.

Safety measures: Potable water should be available to rinse eyes or skin. Provide eye baths.

Section 5. Fire Fighting Measures

Hazard Type	Flammable Aerosol
Hazards from combustion products	Combustion will generate carbon monoxide/dioxide and the packaging materials may burn to emit toxic fumes.
Suitable Extinguishing media	Use dry powder, carbon dioxide, alcohol resistant foam or water mist.
Precautions for firefighters and special protective clothing	Wear positive pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (including Helmet, Coat, Trousers, Boots and Gloves) or chemical splash suit. DO NOT allow spillage or firefighting water to reach waterways, drains or sewers. Store fire-fighting water for treatment. Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk.
HAZCHEM CODE	3Y

Section 6. Accidental Release Measures

General Response Procedures:

Clear area of all unprotected personnel. Allow only trained personnel wearing appropriate protective equipment to be involved in spill response. Contain spill, avoid accidents, clean up immediately. Increase ventilation. Avoid walking through spilled product. Use clean, non-sparking tools and equipment. Shut off all possible sources of ignition.

Environmental Precautionary Measures:

Prevent run off into drains and waterways. If contamination of sewers or waterways has occurred advise the Environmental Protection Authority and/or your local Waste Authority.

Clean Up Procedures:

Mechanically collect as much of the spill as possible. Absorb with sand, earth or clay. Transfer to suitable, labelled containers appropriate for flammable materials and dispose of promptly as hazardous waste. Dispose as per Section 13.

Section 7. Handling and Storage

Precautions for Handling:

- Read label before use.
- Keep away from heat, sparks, open flames or hot surfaces. No smoking.
- Keep container tightly closed.
- Ground, bond container and receiving equipment.
- Use explosion-proof electrical, ventilating and lighting.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Avoid breathing vapours or spray.
- Wash hands thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective clothing as detailed in Section 8.
- Ensure an eye bath is available and ready for use.
- Observe good personal hygiene practices and recommended procedures.

- Avoid contact with eyes, skin and clothing.

Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Store in a well-ventilated place. Keep cool.
- Keep containers tightly closed when not in use.
- Inspect regularly for deficiencies such as damage or leaks.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Isopropyl alcohol [67-63-0]	400	983	500	1230

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 13TH EDITION.

Engineering Controls

A general exhaust is recommended to keep employee exposures as low as possible. Adequate ventilation should be provided so that exposure limits are not exceeded.

Personal Protection Equipment



Eyes	Use splash proof safety goggles, and/or if necessary an appropriate full-face shield that conform to AS1336/1337.
Hands	Any Gloves approved for chemical hazards that conform to AS2161.
Skin	Trousers, Long sleeved shirt and closed shoes.
Respiratory	If determined an inhalation risk is present. Use a P2 grade disposable mask which conforms to the requirements of AS1715/1716).

Section 9 Physical and Chemical Properties

Appearance	Free flowing liquid
Colour	Red
Odour	Floral
Odour Threshold	Not available
pH	5.0 – 6.0
Boiling Point	80°C
Melting Point	Not available
Freezing Point	Not available
Flash Point	29°C – Pensky Martens Closed Cup
Flammability	Not available
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Specific Gravity	Not available
Water Solubility	Complete in water
Partition Coefficient:	Not available

Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Particle Characteristics	Not available
Shelf life	2 years from manufacturing date (when stored as directed)

Section 10. Stability and Reactivity

Stability of Substance	The substance is stable under normal environmental and foreseeable conditions of temperature and pressure during storage and handling.
Possibility of hazardous reactions	Not available
Conditions to Avoid	Avoid heat and sources of ignition.
Incompatible Materials	Oxidisers.
Hazardous Decomposition Products	The packaging material may burn to emit noxious fumes. Combustion products include carbon monoxide and carbon dioxide.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Although ingestion is not thought to produce harmful effects (as classified under EC Directives), the material may still be damaging to the health of the individual, following ingestion, especially where pre-existing organ (e.g liver, kidney) damage is evident.
Dermal	The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.
Inhalation	The material is not thought to produce respiratory irritation (as classified by EC Directives using animal models). Nevertheless inhalation, of the material, especially for prolonged periods, may produce respiratory discomfort and occasionally, distress.
Eye	Causes severe eye damage. Evidence exists, or practical experience predicts, that the material may cause eye irritation in a substantial number of individuals. Repeated or prolonged eye contact may cause inflammation characterised by temporary redness of the conjunctiva (conjunctivitis); Isopropanol vapour may cause mild eye irritation at 400 ppm.
Skin	May cause an allergic skin reaction.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

Oral Toxicity - Isopropyl Alcohol – LD₅₀ – 3600mg/kg (Mouse 24hr).

Section 12. Ecotoxicological Information

Product:	
Persistence and degradability	Not expected to be persistent.
Bioaccumulation	No data available.
Mobility	High water solubility and mobility.
Other adverse effects	No data available.

Section 13. Disposal Considerations

Disposal Method:

Dispose of in accordance with all local, regional and national regulations. All empty packaging should be disposed of in accordance with local, regional, and national regulations or recycled/reconditioned at an approved facility.

Precautions or methods to avoid: Containers should be rinsed and disposed of in line with any requirements of the Resource Management Act for which approval should be sought from the Regional Authority.

Section 14 Transport Information

This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2012



Road, Rail, Sea and Air Transport

UN No	1266
Class - Primary	3
Packing Group	III
Proper Shipping Name	PERFUMERY PRODUCTS (with Isopropyl Alcohol)
Marine Pollutant	No
Special Provisions	If the product's individual container is below 5L/kg, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.

Section 15 Regulatory Information

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: Aerosols (Flammable) – HSR002515

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	500L (>5L), 1500L (<5L), 250L (open)
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000L
Emergency Response Plan	10 000L
Secondary Containment	10 000L
Restriction of Use	Only use for the intended purpose.

Section 16 Other Information

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Glossary

Cat	Category
EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2020 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

This SDS has been prepared from current technical data and summarises at the date of issue our best knowledge of the health and safety information of the product, and how to safely handle and use the product in the work place. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact the company.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

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