

MATERIAL SAFETY DATA SHEET



Chem Pack Pty Ltd

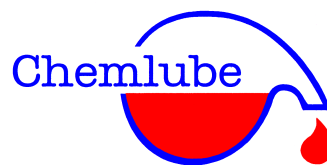
ABN 62 060 283 089

120 Fulton Drive Derrimut Vic 3030

incorporating

Citro-Clean Products & Chemlube

(Registered Business Names of Chem Pack Pty Ltd)



Citro-Clean Products
Ph: 61 3 8369 9988

enquiries@chempack.com.au

Chemlube
Ph: 61 3 8369 9900

GREEN APPLE AIR FRESHENER AEROSOL SPRAY

Based on available information, classified as hazardous according to health criteria of NOHSC Australia.

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Supplier: Chem Pack Pty Ltd
ABN: 62 060 283 089
Street Address: 120 Fulton Drive Derrimut Vic 3030
Telephone: + 61 3 8369 9999
Facsimile: + 61 3 8369 9901
Emergency telephone number: 0412 582 924

Substance: Green Apple Air Freshener Aerosol Spray
Product name: Green Apple Air Freshener
Product Use: Bathroom Air Freshener
Creation Date: 01 April 2009

2. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended Use: Bathroom air Freshener
Appearance: Concentrate is a thin clear liquid

Chemical Entity	CAS NO.	Proportion (% weight/weight)
Propane Butane Blend	68475-59-2	>60%
Alcohol	67-57-1	<30%
Fragrance		<10%

3. HAZARDS IDENTIFICATION

A. EMERGENCY OVERVIEW:

Physical Appearance and Odor:
Concentrate is a thin clear liquid with green apple fragrance

MATERIAL SAFETY DATA SHEET

Warning statements:

Based on available information, classified as hazardous according to health criteria of NOHSC Australia.

B. POTENTIAL HEALTH EFFECTS:

Eye: Liquid and vapour may severely irritate or damage the eyes.

Skin: Localized cooling. Not for intimate hygiene use. Skin irritant, can be absorbed through skin. Brief contact may cause redness. Repeated or prolonged contact may lead to dermatitis with redness, itching, swelling and possible secondary infection. A small proportion of people exposed to repeated skin contact may develop an allergic skin reaction.

Inhalation: Vapour or mists may be irritating to respiratory system. Readily absorbed through inhalation. Strong odour causes discomfort to some people. Inhalation of the vapour may result in headache, nausea and vomiting. High concentrations may cause central nervous system symptoms similar to those in the 'Ingestion' section below.

Ingestion: Possible localized irritation to mucous membranes. Unlikely under normal occupational exposures, but swallowing may cause harmful central nervous system effects. Effects may include excitation, euphoria, headache, dizziness, drowsiness, blurred vision, fatigue, tremors, convulsions, loss of consciousness, coma, respiratory arrest and death. Severe acute intoxication may cause hypoglycaemia, hypothermia and extensor rigidity. Other effects may include decreased blood pressure, vomiting blood, and blood changes.

Chronic Effects: Chronic intoxication by swallowing or repeated inhalation, may cause degenerative changes in the liver, kidneys, hair, gastrointestinal tract and heart muscle.

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. Rest patient and keep warm. Give artificial respiration if breathing stops. Seek medical attention

Skin contact: If irritation develops discontinue use. If irritation persists, seek medical attention.

Eye contact: Irrigate with water for 15 minutes. Seek medical attention promptly.

Ingestion: Give plenty of water to drink, do not induce vomiting as aspiration may occur and cause lung damage. If poisoning occurs contact a doctor, or Poisons Information Centre.

Notes to physician: Treat symptomatically. Gastric Lavage may be indicated if ingested. Do not wait for symptoms to develop.

5. FIRE-FIGHTING MEASURES

Flash Point: Propellant: -81°C, Active: From 13°C - 23°C (Closed cup)

Flammability: Product is highly flammable (Class 2.1)

Suitable extinguishing media: Use water spray, dry chemical powder or alcohol stable foam.

Hazards from combustion products: Burning can produce carbon dioxide and/or carbon monoxide.

Precautions for Firefighters and Special Protective Equipment

In case of fire, use Self Contained Breathing Apparatus with full face mask and complete protective clothing.

MATERIAL SAFETY DATA SHEET

6. ACCIDENTAL RELEASE MEASURES

Shut off all possible sources of ignition. Increase ventilation. Wear protective equipment to prevent skin and eye contamination and inhalation of vapours. Contain, prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labeled containers for disposal. Wash down area with detergent and excess water.

Refer to State Land Waste Management Authority. Advise flammable nature. Normally suitable for incineration by approved agent.

7. HANDLING AND STORAGE

Storage: Store in cool, dry place out of direct sunlight. Store in well ventilated area away from oxidizing agents and foodstuffs. Store aerosols in cool, dry environment below 38°C. Avoid storage with oxidizers, metals, bases and combustible materials.

Handling: Not to be loaded with explosives (class1) flammable gases (class2.1) in bulk, poisonous gases (class 2.3) spontaneously combustible substances (class 4.2), oxidizing agents (class 5.1) organic peroxides (class 5.2) radioactive substances (class 7) however exemptions may apply.

Fire/Explosion Hazard: Product does present a fire and explosion hazard. During fires aerosol cans may explode. Hazardous decomposition products may include ketones, aldehydes, carbon monoxide and or carbon dioxide. Do not allow vapours to build up in pits or hollows.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits:

No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC Australia).

Engineering measures: Use only in well ventilated areas. Keep containers closed when not in use.

Protective Gloves/Clothing Wear overalls & impervious gloves

Eye Protection Wear chemical goggles

Wash hands before smoking, eating, drinking or using the toilet & wash contaminated clothing and protective equipment before storing or reusing personal protection equipment:

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Concentrate is a thin clear liquid

Vapour Pressure (20°C): N Av

Solubility: Miscible

Specific Gravity (15°C): Approx 0.8g/ml at 20°C .

Water Solubility: Miscible

Evaporation Rate: N Av

pH (1% aqueous soln): 7.89

Flash Point (°C): -104°C to -60°C for Liquid petroleum gas

Flammability Limits (%): 1.5-9.6%v/v for Liquid petroleum gas

Autoignition Temp (°C): N Av

(Typical values only - consult specification sheet)

N Av = Not available N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: Stable.

Conditions to Avoid: Heat, ignition sources and direct contact with eyes.

Incompatibility: Not available

Hazardous Decomposition: Not available

11. TOXICOLOGICAL INFORMATION

Ingestion Ingestions by pregnant women is associated with "foetal alcohol syndrome" in their babies. IARC evaluated as "Group 1 carcinogenic to humans" when ingested.

MATERIAL SAFETY DATA SHEET

Eyes Eye irritation. Severely irritating.

Skin Skin irritation.

Inhalation No data.

Acute toxicity / Chronic toxicity: No LD50 data available for product. Persons with pre-existing liver impairment, skin and respiratory disorders may be at an increased risk from exposure. Ethanol may also cause adverse reproductive effects. Concurrent absorption with some drugs may cause adverse health effects.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways. Product may be toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Refer to State/Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor.

14. TRANSPORT INFORMATION

UN Number	1950
Class	2.1
Packaging Group	II

Road and Rail Transport

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

Marine Transport

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

Based on available information, classified as hazardous according to health criteria of NOHSC Australia.

Poisons Schedule (Aust)/Toxic Substance (NZ): None Allocated

16. OTHER INFORMATION

Any advice, recommendation, information, assistance or service provided by Chem Pack Pty Ltd in relation to the goods supplied by it or their use or application is given in good faith and believed to be appropriate and reliable. However, it is provided with a disclaimer for any liability or responsibility on the part of Chem Pack Pty Ltd. The customer accepts all risk and responsibility for use of the goods alone, or in combination with other products. All warranties, guarantees and conditions, other than those expressly stated, and when implied by statute, common law, custom of the trade or otherwise, are to the extent that the law permits, expressly excluded.