



SAFETY DATA SHEET

16 g CO₂ CANISTER

Section 1

IDENTIFICATION OF CHEMICAL PRODUCT AND COMPANY

Goodnature Limited
8 Horner Street
Newtown
Wellington 6021
New Zealand
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Substance: Compressed carbon dioxide gas canister

Trade Name: GOODNATURE CO₂ Canister

Product Use: For use with Goodnature Automatic, Humane Traps.

Section 2

HAZARDS IDENTIFICATION

HSNO Classification: None allocated

Classification of the substance or mixture: Not classified as hazardous according to hazardous substances (classification) regulations 2001.

UN Number: UN2037

Carbon Dioxide

GAS CARTRIDGES (non-flammable) without a release device, non-refillable.

“Not restricted” according to IATA Dangerous Goods Regulations 64th Edition 2023, Special Provision A98 (transported product is not subject to the requirements of IATA).

EMERGENCY OVERVIEW

Physical Description & colour: Recyclable steel, 16 g (21 mL) water capacity

Odour: Odourless

Major Health Hazards: None



POTENTIAL HEALTH EFFECTS

See section 11 for Chronic exposure studies.

Inhalation: Non-toxic, anaesthetic effect if inhaled; recommended maximum 0.01% v/v for continuous working conditions.

Skin Contact: Non-toxic.

Eye Contact: Non-toxic.

Ingestion: Non-toxic.

Carcinogen Status

NOHSC: No significant ingredient is classified as carcinogenic by NOHSC.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

Section 3 COMPOSITION/INFORMATION

Ingredients	CAS No	Conc. %	TWA (mg/m ³)	STEL (mg/m ³)
Carbon dioxide gas:	124-38-9	> 99.5%	not set	not set
Silicone lubricants:		< 0.1%	not set	not set

Section 4 FIRST AID MEASURES

Keep out of reach of children.

Section 5 FIRE FIGHTING MEASURES

Fire and Explosion Hazards: Fire decomposition products from this product are unlikely to be harmful.

Extinguishing Media: Carbon dioxide, water spray, dry agent, or foam.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.



Section 6

ACCIDENTAL RELEASE MEASURES

Accidental release: Unlikely due to product presentation. Non-toxic gas.

Section 7

HANDLING AND STORAGE

Handling: Non-Toxic.

Storage: Do not exceed temperatures above 49° Celsius. Store in the closed, original container in a dry, cool, well-ventilated area. Do NOT store for prolonged periods in direct sunlight. Never dispose of full canisters. Never force open.

Section 8

EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Controls

Eyes/Face: Wear safety glasses.

Respiratory: Avoid inhalation. Use in well ventilated areas.

Section 9

PHYSICAL AND CHEMICAL PROPERTIES

Physical Description & Colour: 16 g (21 mL) gold cylinder

Odour: Odourless.

Boiling Point: -57° Celsius.

Freezing/Melting Point: -78° Celsius.

Gas Density at 100 kpa: 1.836 kg/ m³ at 20° Celsius.

Relative Density: 1.53 at 20° Celsius.

Molecular weight: 44.

Critical temperature: 36.5° Celsius.

Section 10

STABILITY AND REACTIVITY

Reactivity: This product is unlikely to react or decompose under normal storage conditions.



Conditions to Avoid: Do not exceed temperatures above 49° Celsius. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight.

Incompatibilities: No particular incompatibilities.

Polymerisation: This product is unlikely to undergo polymerisation processes.

Section 11 TOXICOLOGICAL INFORMATION

Non-toxic CO₂ only.

Section 12 ECOLOGICAL INFORMATION

Non-toxic CO₂ only.

Section 13 DISPOSAL CONSIDERATIONS

Recycle empty canisters at municipal recycling facilities.

Section 14 TRANSPORT INFORMATION

ADG Code: 2.2

UN Number: UN2037

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Special Provision 191.

SHIPPING NOTES:

Air Freight - Special Provision A98

Sea Freight - Special Provision 191

Road Freight - Special Provision 191

Air Freight – IATA Dangerous Goods Regulations 59th Edition 2018

- **Special Provision A98** – Aerosols, gas cartridges and receptacles, small, containing gas with a capacity not exceeding 50ml, containing no constituents subject to these regulations other than Division 2.2 gas, are not subject to these Regulations when carried as cargo unless their release could cause extreme annoyance or discomfort to crew members as to prevent the correct performance of duties.
The words “Not Restricted” and the Special Provision number must be included in the description of the substance on the Air Waybill as required by 8.2.6, when an Air Waybill is issued.

Sea Freight – IMDG Code (Amendment 38-16)

- **Special Provision 191**– Receptacles with a capacity not exceeding 50ml containing only non-toxic constituents are not subject to the provisions of this code.

Road Freight – NZS 5433:Part1&2 2012 Dangerous Goods Regulations

- **Special Provision 191**– Receptacles, small, containing gas are not fitted with a release device. Receptacles with a capacity not exceeding 50ml containing only non-toxic constituents are not subject to this standard.

Section 15 REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture.

Approval Code: HSR001018

Group Standard: Carbon dioxide

Inventory Listing(s): NEW ZEALAND: NZIoC (New Zealand Inventory of Chemicals)

All components are listed on the NZIoC inventory, or are exempt.

Section 16 OTHER INFORMATION

Creation Date: Friday, 29 May 2015

Revision: 12

Revision date: Thursday 18 January 2024

Revision changes: Changed UN Number from 1013 to 2037. Updated IATA to 64th edition.

This SDS contains only safety-related information. For other data see product literature.

**Acronyms**

CAS number: Chemical Abstracts Service Registry Number

Hazchem Number: Emergency action code of numbers and letters that provide information to emergency services especially fire-fighters

IARCS: International Agency for Research on Cancer

HSNO: Hazardous Substances and New Organisms

NOS: Not otherwise specified

NTP: National Toxicology Program (USA)

NZIoC: New Zealand Inventory of Chemicals

SUSDP: Standard for the Uniform Scheduling of Drugs & Poisons

UN Number: United Nations Number

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this SDS in the context of how the product will be handled and used in the workplace.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Goodnature so we can attempt to obtain additional information from our suppliers.

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 on request.

Please read all labels carefully before using product.