



SAFETY DATA SHEET

16 g CO₂ CANISTER

Version: Global
Date of issue: 19th February 2025

Section 1

PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifier: "16g CO₂ Canister"

1.2 Relevant Identified use: For use with Goodnature Automatic, Humane Traps.

1.3 Supplier of datasheet: Company details: Goodnature Ltd
Address: 31 Adelaide Road
Wellington
New Zealand

1.4 Emergency phone number: NZ + ROW +64 4 389 1025
AUS 1800 425 524

Section 2

HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:
Classification according to Regulation (EC) No. 1272/2008 [CLP]: Not Classified
Classification according to OSHA hazard communication regulations at 29 CFR1910.1200: Not Classified
Classification according to HSNO: Not classified as hazardous according to hazardous substances (classification) regulations 2001.
Classification according to GHS7: Gases under pressure - compressed gas.
UN Number: UN2037: GAS CARTRIDGES (non-flammable) without a release device, non-refillable.
"Not restricted" according to IATA Dangerous Goods Regulations 63rd Edition 2022, Special Provision A98 (transported product is not subject to the requirements of IATA).
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.

2.2 Label elements:
CARBON DIOXIDE UN2037/EN16509
H280 – Contains gas under pressure; may explode if heated



2.3 Other Hazards:

P410+P403 Protect from sunlight. Store in a well ventilated place

Section 3 COMPOSITION/INFORMATION

3.1 Substances:

Component	CAS No	Conc.% by weight	Physical State
Carbon Dioxide	124-38-9	100%	Gas

No substances fulfill the criteria set forth in Annex II Section A of the REACH regulation (EC) No 1907/2006

3.2. Mixtures: N/A

Section 4 FIRST AID MEASURES

4.1 Description of first aid measures:

4.2 Symptoms and effects:

If swallowed: N/A

If in eyes: Non-toxic

If on skin or clothing: Non-toxic

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

4.3 Medical Attention and special treatment :

If inhaled provide fresh air

Advice to physician: This product is non-toxic

Section 5



FIRE FIGHTING MEASURES

Non-flammable

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

5.2 Special Hazards: None

5.3 Advice for Firefighters: None

Section 6

ACCIDENTAL RELEASE MEASURES

6.1 Precautions, protective equipment and emergency procedures: none needed, non-toxic product

6.2 Environmental precautions: none needed, non-toxic product

6.3 Cleaning up: N/A

6.3 References: Refer to sections 7, 8 and 13 for further details

Section 7

HANDLING AND STORAGE

7.2 Precautions for safe handling: None needed, non-Toxic

7.3 Safe 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.

7.3 Specific end use(s): For use in Goodnature A24 rodent trap

Section 8

EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters: None, Non-toxic

8.2 Exposure Controls: Personal protective equipment

Eyes/Face: Wear safety glasses.

Respiratory: Avoid inhalation. Dispose of in well ventilated areas.

Skin: None.

General advice: None.

Section 9

PHYSICAL AND CHEMICAL PROPERTIES



9.1 Physical and chemical properties:

Appearance:	Gas – not visible.
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:	Unknown.
Molecular weight:	44
Critical temperature:	36.5° Celsius

9.2 Other information: None

Section 10

STABILITY AND REACTIVITY

10.1 Reactivity:	This product is unlikely to react or decompose under normal storage conditions.
10.2 Chemical Stability:	This product is unlikely to react or decompose under normal storage conditions.
10.3 Possibility of hazardous reactions:	Not applicable
10.4 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.
10.5 Incompatible materials:	No known incompatibilities.
10.6 Hazardous decomposition products:	None known

Section 11

TOXICOLOGICAL INFORMATION

11.1 Information of toxicological effects: None, Non-toxic.

Section 12

ECOLOGICAL CONSIDERATIONS

12.1-12.6: Not applicable

Section 13

DISPOSAL CONSIDERATIONS

Recycle empty canisters at municipal recycling facilities.



Section 14

TRANSPORT INFORMATION

ADR (Road)

UN Number	UN2037
UN Proper Shipping Name	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable
Transportation Hazard Class(es)	
Class	2
Classification Code	5A
Remarks	According to special provisions 191 and 303 transported product is not subject to the requirements of ADR

RID (Rail)

UN Number	UN2037
UN Proper Shipping Name	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable
Transportation Hazard Class(es)	
Class	2
Classification Code	5A
Special Precautions for user	-
Marking	The Gas Cartridge shall be marked UN2037/EN16509

IMDG (Ship)

UN Number	UN2037
UN Proper Shipping Name	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable
Transportation Hazard Class(es)	
Class	2.2
Label	2.2
EmS No.	F-C, S-V
Packing Group	-
Marine Pollutant	No
Special Provision 191	Receptacles with a capacity not exceeding 50ml containing only non-toxic constituents are not subject to the provision of this code

IATA (Air)

UN Number	UN2037
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UN Proper Shipping Name	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable
Transportation Hazard Class(es)	
Class	2.2
Label	2.2
Packing Group	-
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 unless there release could cause extreme annoyance or discomfort to crew members so as to prevent the correct performance of duties. The words “ Not Restricted” (IATA 51) 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 airway bill is issued.

DOT (Land USA)

DOT Class	ORM-D (Limited Quantity)
UN Number	UN2037
UN Proper Shipping Name	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable
Transportation Hazard Class(es)	
Class	2
Label	2.2
Packing Group	-
Remarks	Under 118ml (<4 fl oz) According to CFR 49, 173.306 exempt from all hazardous material markings and labelling and does not need to be recorded in hazardous material book

TDG (Transport Canada)

English Sequence Number/French Sequence Number	2299/2424
UN Number	UN2037
UN Proper Shipping Name	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable
Transportation Hazard Class(es)	
Class	2
Label	2.2
Packing Group	-
Remarks	Limited Quality (<0.125L)



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

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.