16 g CO2 CANISTER SAFETY DATA SHEET

In accordance with OSHA Hazard Communication Standard (HCS), aligning with HazCom 2012.
Issue Date: 2025-11-11
SDS No. SDS-CO2 Canister_USA_20251111

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Identifier on Label:	CO2 Canister 16g
Product form:	Substance
Substance name:	Carbon dioxide
CAS-No:	124-38-9
GHS Classification (US OSHA):	H280 Gases under pressure, Compressed Gas
Hazard Statement:	H280 (Contains gas under pressure; may explode if heated)
US Regulatory Status:	TSCA (All components are listed on the TSCA Inventory or are exempt from listing.)

1.2 Relevant identified uses of the substance or mixture and uses advised against

For use with Goodnature Automatic Traps.

1.3 Details of the supplier of the safety data sheet

Importers:

Automatic Trap Company Inc.
19201 Sonoma Hwy #196
Sonoma, CA 95476
1-877-992-8868

Gallagher Animal Management
5005 NW 41st Street
Riverside, MO 64150
1-800-531-5908

1.4 Emergency phone number

	Open 24 hours
National Poison Helpline	1-800-222-1222

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification (US OSHA) with paragraph (d)(1)(i-ii) of § 1910.1200:

Physical hazards:	H280 Gases under pressure, Compressed gas

2.2 Label elements
GHS Classification (US OSHA) with paragraph (f) of § 1910.1200:

Hazard pictograms: 

Hazard pictograms code:	GHS04
Signal word:	Warning
Hazard statements:	H280 - Contains gas under pressure; may explode if heated.
Precautionary statement Storage:	P410+P403 Protect from sunlight. Store in a well-ventilated place

2.3 Other Hazards:
Contact may cause cold burns/frostbite. Asphyxiation hazard in confined spaces.

SECTION 3: COMPOSITION/INFORMATION OF INGREDIENTS

3.1 Substances

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

3.2 Mixtures
Not applicable

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation:

Conscious persons:
- immediately move to an uncontaminated area
- inhale fresh air

Unconscious persons:
- immediately move to uncontaminated area
- give assisted resuscitation and supplemental oxygen

Skin Contact:

Flush affected areas with lukewarm water.
DO NOT USE HOT WATER.
See physician promptly if blistering or deep tissue freezing has occurred.

Eye contact:	Rinse immediately with plenty of water Rinse also under the eyelids Rinse for at least 15 minutes. Consult an eye specialist.
Ingestion:	Not applicable

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/effects:	Rapid evaporation may cause frostbite. In high concentrations may cause asphyxiation.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment:	Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Substance in non-flammable.
For nearby combustible materials:

Suitable Extinguishing Media:	Carbon dioxide, water, water fog, dry chemical, chemical foam.
Unsuitable Extinguishing Media:	High volume water jet

5.2 Special hazards arising from the substance or mixture

Closed containers can explode when exposed to extreme heat.

5.3 Advice for Firefighters

Use self-contained respiratory equipment
Cool containers to prevent pressure buildup and possible explosion
Hazardous Combustion Products include Smoke, fumes or vapors, oxides of carbon.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:	Evacuate area Ensure adequate air ventilation Avoid contact with skin, eyes and clothing Do not breathe gas

6.1.2 For emergency responders:	Wear self-contained breathing apparatus when entering area unless atmosphere is proven to be safe.

6.2 Environmental precautions
Gas/vapors can accumulate in confined spaces, especially at floor level or in lower-level areas. Ensure ventilation in confined spaces to prevent asphyxiation

6.3 Methods and material for containment and cleaning up
Ventilate area thoroughly

6.4 Reference to other sections:
Refer to sections 8 and 13 for further details

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure adequate ventilation
Avoid contact with skin and eyes

7.2 Conditions for safe storage, including any incompatibilities

Do not exceed temperatures above 120°F.
Store in closed, original container in dry, cool, well-ventilated area.
Do not store in direct sunlight.

7.3 Specific end use(s)
For use in Goodnature Automatic, Humane Traps

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters

OSHA Permissible Exposure Limit (PEL):	5000 ppm
ACGIH Threshold Limit Values (TLVs):	5000 ppm Time Weighted Average (TWA) 30,000 ppm Short Term Exposure Limit (STEL)

8.2 Exposure Controls

8.2.1 Appropriate Engineering Controls:	Use local exhaust ventilation Provide mechanical ventilation of confined spaces

8.2.2 Individual protection measures, such as personal protective equipment

Eyes/Face protection:	Wear safety glasses Safety eyewash station nearby
Skin Protection:	Gloves for protection from cold
Respiratory Protection:	None required while threshold limits are kept below maximum allowable concentrations.
Thermal Hazards:	Gloves for protection from cold
8.2.3 Environmental exposure controls	Avoid release to the environment

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state:	Gas
Color:	Colorless
Oduor:	Odorless
Melting point/freezing point:	Not applicable
Boiling point or initial boiling point and boiling range	-109.3°F
Flammability:	Not applicable
Lower and upper explosion limit:	Not applicable
Flash point:	Not applicable
Auto-ignition temperature:	No data available
Decomposition temperature	Not applicable
pH:	Not applicable
Kinematic viscosity:	Not applicable
Solubility:	Water: 2 g/L @68°F
Partition coefficient n-octanol/water:	Not applicable
Vapor pressure:	58bar @68°F
Density and/or relative density:	Not applicable
Relative vapor density:	1.52 @68°F, 1 atm
Particle characteristics:	Not applicable

9.2 Other information

Gas/vapors can accumulate in confined spaces, especially at floor level or in lower-level areas.

SECTION 10: STABILITY AND REATIVITY

10.1 Reactivity

Non-reactive under normal conditions.

10.2 Chemical Stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions
No information available.

10.4 Conditions to Avoid
Contains gas under pressure; may explode if heated.
Gas/vapors can accumulate in confined spaces, especially at floor level or in lower-level areas.

10.5 Incompatible materials
Not applicable

10.6 Hazardous decomposition products
Decomposition will not occur if handled and stored properly.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information of toxicological effects

Acute toxicity (oral):	Not classified
Acute toxicity (dermal):	Not classified
Acute toxicity (inhalation):	Not classified
Skin corrosion/irritation:	Not classified
Serious eye damage/irritation:	Not classified
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not listed as a carcinogen by OSHA, NTP (National Toxicology Program), or IARC (International Agency for Research on Cancer).
Reproductive toxicity:	Not classified
STOT-single exposure:	Not classified
STOT-repeated exposure:	Not classified
Aspiration hazard:	Not applicable

Potential adverse human health effects and symptoms:
Contact with the eyes is likely to be irritating. Rapid evaporation of the liquid may cause frostbite. In high concentrations may cause asphyxiation

11.2 Information on other hazards
None

SECTION 12: ECOLOGICAL CONSIDERATIONS

12.1 Toxicity

Hazardous to the aquatic environment, short–term (acute): Not classified

Hazardous to the aquatic environment, long–term (chronic): Not classified

Other information: None

12.2 Persistence and degradability

CO2 is a naturally occurring compound. It is stable and will not degrade.

12.3 Bioaccumulative potential

Low potential for bioaccumulation due to its gaseous nature and low solubility in water.

12.3 Mobility in soil

High mobility in soil is expected due to the gaseous state.

12.5 Results of PBT and vPvB assessment

Not applicable

12.6 Endocrine disrupting properties

The substance/mixture has no endocrine disrupting properties.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with licensed collector's sorting instructions.

Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number

UN2037

14.2 UN proper shipping name

RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable

14.3 Transport hazard class(es)

2.2 (Non-flammable toxic gas)

US DOT Status: Not subject to the Hazardous Materials Regulations (HMR) under **49 CFR § 173.306(j)** very small receptacles.

14.4 Packing Group
No packing group is assigned

14.5 Environmental Hazards
Substance occurs naturally in the atmosphere and is not expected to pose an environmental hazard at levels resulting from normal use.

14.6 Special precautions for user
Ensure containers are secured onto vehicles and protected from movement or damage during transport. Note: Since this product is fully excepted under § 173.306(j), no hazard labels, UN markings, or shipping papers are required for domestic transport.

14.7 Maritime transport in bulk according to IMO instruments
Not applicable

SECTION 15: REGULATORY INFORMATION

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

US Federal Regulations

- **TSCA Inventory Status:** All components of this product are listed on the U.S. EPA TSCA (Toxic Substances Control Act) Inventory or are exempt from listing.
- **CERCLA/SARA:** This product is not subject to the reporting requirements of CERCLA, SARA Title III Section 302, or SARA Title III Section 313.

US State Regulations

- **California Proposition 65**: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. No Proposition 65 warning is required.

International Regulations

- **European Union (EU):** Carbon dioxide is listed in Annex IV of REACH (Regulation EC 1907/2006) and is exempt from the obligation to register.

SECTION 16: OTHER INFORMATION

Acronyms

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service (unique identifier for chemical substances)
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations (US federal regulatory code, e.g., 49 CFR for DOT)
DOT	Department of Transportation (US regulatory authority for transport)
EPA	Environmental Protection Agency (US regulatory authority)
EU	European Union
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IARC	International Agency for Research on Cancer
ID	Identification (used for substance or dossier identifiers)
IMO	International Maritime Organization
NTP	National Toxicology Program (US government program for carcinogen testing)
OSHA	Occupational Safety and Health Administration
PBT	Persistent, Bioaccumulative, and Toxic
PEL	Permissible Exposure Limit (enforced by OSHA)
PPM	Parts Per Million (unit of concentration)
REACH	Registration, Evaluation, Authorization and Restriction of Chemicals (EU Regulation 1907/2006)
SARA	Superfund Amendments and Reauthorization Act
SDS	Safety Data Sheet
STEL	Short-Term Exposure Limit (occupational exposure)
STOT	Specific Target Organ Toxicity (used in GHS classification)
TLV	Threshold Limit Value (established by ACGIH)
TSCA	Toxic Substances Control Act
TWA	Time-Weighted Average (used for exposure limits over an 8-hour period)
UN	United Nations (used for UN numbers identifying dangerous goods)
vPvB	Very Persistent and Very Bioaccumulative

This SDS summarizes 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.

The date of this SDS is contained in the header.