TCT 通测检测 TESTING CENTRE TECHNOLOGY

Material Safety Data Sheet

MSDS Report

Prepared For:	Zhongshan Jinshunyi Metal Products Co.,Ltd No.150 Huanzhen North Rd Zhuyuan Xiaolan Town Zhonhshan City Guangdong Province China 528415
Product Name:	CO2 Cylinder(Containing gas)
Model:	8g、12g、16g、18g、21g、24g、25g、27g、33g、38g、45g、60g、74g、88g、95g、100g、105g
Prepared By:	Shenzhen TCT Testing Technology Co., Ltd. TCT testing Industrial Park, Fuqiao 5th Industrial Zone, Fuhai Street, Bao'an District, Shenzhen
Report No.:	TCT260108W009

Checked by	Signed for and on behalf of TCT	Date
Alison Dou	Ryan Zhang	2026.01.08
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Material Safety Data Sheet

Section 1- Chemical Product & Company Identification

Product Name: CO2 Cylinder(Containing gas)

Manufacture: Zhongshan Jinshunyi Metal Products Co.,Ltd

Address: No.150 Huanzhen North Rd Zhuyuan Xiaolan Town Zhonhshan City Guangdong Province China 528415

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Item Code: **TCT260108W009**

Section 2- Hazards Identification

Appearance and odour	Colourless gas Odourless gas
Potential Health Effects:	**Inhalation:** May cause ringing in the ears, nausea, irregular heartbeat,headache, drowsiness, dizziness, tingling sensation, visual disturbances,suffocation, convulsions or coma. **Ingestion:** May cause frostbite. **Skin:** May cause blisters or frostbite. **Eye:** May cause irritation or blurred vision.Compressed gas may cause damageif directed at the eye.
Reported as carcinogen	Not listed as a carcinogen.

Section 3- Composition/Information on Ingredients

INGREDIENT NAME	CAS No.	CONTENT%
Carbon dioxide	124-38-9	100

Labeling according to EC directives.

No symbol and risk phrase are required.

Note: CAS number is Chemical Abstract Service Registry Number.

N/A=Not apply.

Section 4- First Aid Measures

Inhalation	Move to fresh air.Apply oxygen or artificial respiration if required. If breathingdifficulties, or distress, continue, obtain medical attention.
Skin contact	If frostbite or freezing occur, immediately flush with plenty of lukewarm water.
Eye contact	Immediately flush eyes with gently flowing warm water for at least 15 minutes. Obtain medical attention.
Ingestion	If a large amount is ingested, obtain medical attention.

Section 5- Fire Fighting Measures

Flammable Properties	Not applicable
Suitable extinguishing Media	Use media suitable for packaging and surrounding materials.
Unsuitable extinguishing Media	Not applicable
Explosion	Compressed gas cylinders may rupture or explode violently when heated.
Special Information	Self-contained breathing apparatus required for fire-fighting personnel. Movecontainers from fire area, or cool with water spray, if possible.

Section 6- Accidental Release Measures

Personal Precautions, protective equipment and emergency procedures	Not applicable
Environmental Precautions	Not applicable
Methods and materials for cleaning up	Not applicable

Section 7- Handling and Storage

Handling	Do not expose the products to the direct sunlight or stresses. Keep away from the fire source, avoid high temperature.
Storage	Store the products indoor. Strong acid and strong alkali should be kept separate, and not have mixed storage. Avoid direct sunlight.

Section 8 - Exposure Controls/Personal Protection

Engineering Controls	Avoid contact with eyes and skin. Washthoroughly after handling. Maintain generalindustrial hygiene practices when using this product. Store in a cool, dry area away from heatand sources of ignition.
Personal Protective Equipment	Not required under normal conditions of use.
Hygiene Measures	Wear clothing adequate to protect againstexposure.Ensure eye-wash station andemergency shower are available.

Section 9- Physical and Chemical Properties

Physical State	Color: Colorless
	Odor: Odorless
pH, with indication of the concentration	Not applicable.
Melting point/freezing point	Not available.
Boiling Point, initial boiling point and Boiling range	Not available.
Flash Point	Not available.
Upper/lower flammability or explosive limits	Not available.

Vapor Pressure	43700@21℃
Vapor Density (Air = 1)	1.5
Density/relative density	Not available.
Solubility in Water	Soluble pH:＜7.0.
n-octanol/water partition coefficient	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Evaporation rate	Not available.
Flammability (soil, gas)	Not available.
Viscosity	Not applicable.

Section 10 – Stability and Reactivity

Stability	The product is stable under normal conditions.
Conditions to Avoid	Not Available
Incompatible Materials	Not Available
Hazardous Decomposition Products	Not Available
Possibility of Hazardous Reaction	Not Available

Section 11 – Toxicological Information

Irritation	Not Available
Sensitization	Not Available
Neurological Effects	Not Available
Teratogenicity	Not Available
Reproductive Toxicity	Not Available
Mutagenicity (Genetic Effects)	Not Available

Section 12-Ecological Information

General note	Do not allow undiluted product or large quantitiesof it to reach ground water，water course orsewage system.
Anticipated behavior of a chemical product in environment/possible environmental impact/ ecotoxicity	Not Available
Mobility in soil	Not Available
Persistence and Degradability	Not Available
Bioaccumulation potential	Not Available
Other Adverse Effects	Not Available

Section 13 – Disposal Considerations

The method of Disposal Considerations	Product disposal recommendation: Observe local, state and federal laws and regulations. Packaging disposal recommendation: Containers may be recycled or re-used. Observe local, state and federal laws and regulations. The potential effects on the environment and human health of the substances used in Co2 Cylinder(Containing gas); the desirability of not disposing of waste co2 Cylinder (Containing gas) as unsortedmunicipal waste and of participating in their separate collection so as to facilitate treatment and recycling;

Section 14 – Transport Information

In accordance with DOT/ADR/ADN/IMDG/ICAO/IATA

DOT Proper Shipping Name: Carbon dioxide

UN-No.: 2037

Hazard Categories: Class 2.2-Non-flammable compressed gas

Packing Mark for Hazardous Goods: 5

Packing Group: III

Section 15 – Regulatory Information

OSHA hazard communication standard (29 CFR 1910.1200)

_____√_____ Hazardous _____Non-hazardous

Section 16 – Additional Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. Although reasonable precautions have been taken in the preparation of the data contained herein, it is offered solely for your information, consideration and investigation. This material safety data sheet provides guidelines for the safe handling and use of this product; it does not and cannot advise on all possible situations, therefore, your specific use of this product should be evaluated to determine if additional precautions are required.

The data/information contained herein has been reviewed and approved for general release on the basis that this document contains no export controlled information.

********End of Report********