

# Confetti cannon

## Safety Data Sheet

according to US HazCom 2012

Issue date: 1/9/2023 Revision date: 1/9/2023 Version: 1.0 SDS number: P2023010301

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : Confetti cannon  
Other means of identification : Party popper, party cannon

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Party supplies

#### 1.3. Supplier

Yiwu Zhuanghe Arts&Crafts Co.,Ltd  
No. 15 Chaoyong Rd., Shangxi Industry Zone, Yiwu, zhejiang, 322000 China  
T +86 18957925967; +86 0579 85834449  
[goldmanrick@163.com](mailto:goldmanrick@163.com)

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Gases under pressure : Compressed gas

Contains gas under pressure; may explode if heated.

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labelling

Hazard pictograms (GHS US)



Signal word (GHS US)

: Warning

Hazard statements (GHS US)

: Contains gas under pressure; may explode if heated.

Precautionary statements (GHS US)

: Keep out of reach of children.

Protect from sunlight. Store in a well-ventilated place.

#### 2.3. Other hazards which do not result in classification

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

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### 3.2. Mixtures

| Name           | Product identifier | %            |
|----------------|--------------------|--------------|
| Nitrogen       | CAS-No.: 7727-37-9 | 76.5 – 80.5* |
| Oxygen         | CAS-No.: 7782-44-7 | 19.5 – 23.5* |
| Carbon dioxide | CAS-No.: 124-38-9  | 0 – 0.03*    |

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

|                                       |                                                                                                                                                   |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.                                                                                  |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water. |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.  |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Call a poison center or a doctor if you feel unwell.                                                       |

### 4.2. Most important symptoms and effects (acute and delayed)

No additional information available

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

|                                |                                                        |
|--------------------------------|--------------------------------------------------------|
| Suitable extinguishing media   | : Foam. Dry powder. Carbon dioxide. Water spray. Sand. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.                     |

### 5.2. Specific hazards arising from the chemical

|                                                  |                                |
|--------------------------------------------------|--------------------------------|
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |
|--------------------------------------------------|--------------------------------|

### 5.3. Special protective equipment and precautions for fire-fighters

|                                       |                                                                                                                                                                                                                                        |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions             | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.                                                                  |
| Protective equipment for firefighters | : Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

|                  |                                   |
|------------------|-----------------------------------|
| General measures | : Evacuate unnecessary personnel. |
|------------------|-----------------------------------|

#### 6.1.1. For non-emergency personnel

|                      |                                       |
|----------------------|---------------------------------------|
| Protective equipment | : Wear personal protective equipment. |
| Emergency procedures | : Ventilate spillage area.            |

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### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Wear recommended personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment. Avoid release to the environment. Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

For containment : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel).  
Methods for cleaning up : Store away from other materials.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : "Disposal considerations".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Provide good ventilation in process area to prevent formation of vapour.  
Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool well ventilated place. Keep container closed when not in use. Protect from sunlight. Store in a well-ventilated place. Keep cool.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Nitrogen (7727-37-9)                       |                                                          |
|--------------------------------------------|----------------------------------------------------------|
| USA - ACGIH - Occupational Exposure Limits |                                                          |
| Local name                                 | Nitrogen                                                 |
| Remark (ACGIH)                             | Simple Asphyxiant                                        |
| ACGIH chemical category                    | Simple asphyxiant See Appendix F: Minimal Oxygen Content |
| Regulatory reference                       | ACGIH 2022                                               |
| Oxygen (7782-44-7)                         |                                                          |
| No additional information available        |                                                          |
| Carbon dioxide (124-38-9)                  |                                                          |
| USA - ACGIH - Occupational Exposure Limits |                                                          |
| Local name                                 | Carbon dioxide                                           |
| ACGIH OEL TWA [ppm]                        | 5000 ppm                                                 |

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| Carbon dioxide (124-38-9)                  |                          |
|--------------------------------------------|--------------------------|
| ACGIH OEL STEL [ppm]                       | 30000 ppm                |
| Remark (ACGIH)                             | TLV® Basis: Asphyxia     |
| Regulatory reference                       | ACGIH 2022               |
| USA - OSHA - Occupational Exposure Limits  |                          |
| Local name                                 | Carbon dioxide           |
| OSHA PEL TWA [1]                           | 9000 mg/m³               |
| OSHA PEL TWA [2]                           | 5000 ppm                 |
| Regulatory reference (US-OSHA)             | OSHA Annotated Table Z-1 |
| USA - IDLH - Occupational Exposure Limits  |                          |
| IDLH [ppm]                                 | 40000 ppm                |
| USA - NIOSH - Occupational Exposure Limits |                          |
| NIOSH REL TWA                              | 9000 mg/m³               |
| NIOSH REL TWA [ppm]                        | 5000 ppm                 |
| NIOSH REL STEL                             | 54000 mg/m³              |
| NIOSH REL STEL [ppm]                       | 30000 ppm                |

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

|                                                                          |
|--------------------------------------------------------------------------|
| <b>Hand protection:</b>                                                  |
| Impermeable protective gloves                                            |
| <b>Eye protection:</b>                                                   |
| Chemical goggles or safety glasses. Safety glasses                       |
| <b>Skin and body protection:</b>                                         |
| Wear suitable protective clothing                                        |
| <b>Respiratory protection:</b>                                           |
| In case of insufficient ventilation, wear suitable respiratory equipment |

#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Gas  
Colour : Colourless  
Odour : No data available  
Odour threshold : No data available  
pH : No data available

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|                                                 |                     |
|-------------------------------------------------|---------------------|
| Melting point                                   | : No data available |
| Freezing point                                  | : No data available |
| Boiling point                                   | : No data available |
| Flash point                                     | : No data available |
| Relative evaporation rate (butylacetate=1)      | : No data available |
| Flammability (solid, gas)                       | : Not flammable     |
| Vapour pressure                                 | : No data available |
| Relative vapour density at 20°C                 | : No data available |
| Relative density                                | : No data available |
| Solubility                                      | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature                       | : No data available |
| Decomposition temperature                       | : No data available |
| Viscosity, kinematic                            | : No data available |
| Viscosity, dynamic                              | : No data available |
| Explosive limits                                | : No data available |
| Explosive properties                            | : No data available |
| Oxidising properties                            | : No data available |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

High temperature, ignition source.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on 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 sensitisation | : Not classified |
| Germ cell mutagenicity            | : Not classified |

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|                        |                                                                   |
|------------------------|-------------------------------------------------------------------|
| Carcinogenicity        | : Not classified                                                  |
| Reproductive toxicity  | : Not classified                                                  |
| STOT-single exposure   | : Not classified                                                  |
| STOT-repeated exposure | : Not classified                                                  |
| Aspiration hazard      | : Not classified                                                  |
| Other information      | : Likely routes of exposure: ingestion, inhalation, skin and eye. |

## SECTION 12: Ecological information

### 12.1. Toxicity

No additional information available

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

#### Carbon dioxide (124-38-9)

|        |      |
|--------|------|
| LogKow | 0.83 |
|--------|------|

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

|                           |                                       |
|---------------------------|---------------------------------------|
| Effect on the ozone layer | : Not classified                      |
| Effect on global warming  | : No known effects from this product. |
| Other information         | : Avoid release to the environment.   |

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

|                                            |                                                                                               |
|--------------------------------------------|-----------------------------------------------------------------------------------------------|
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Product/Packaging disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations.                     |
| Ecology - waste materials                  | : Avoid release to the environment.                                                           |

## SECTION 14: Transport information

In accordance with DOT / IMDG / IATA

| DOT                                     | IMDG                             | IATA                             |
|-----------------------------------------|----------------------------------|----------------------------------|
| <b>14.1. UN number</b>                  |                                  |                                  |
| 3164                                    | 3164                             | 3164                             |
| <b>14.2. Proper Shipping Name</b>       |                                  |                                  |
| Articles, pressurized pneumatic         | ARTICLES, PRESSURIZED, PNEUMATIC | Articles, pressurized, pneumatic |
| <b>14.3. Transport hazard class(es)</b> |                                  |                                  |
| 2.2                                     | 2.2                              | 2.2                              |

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| DOT                                                                               | IMDG                                                                              | IATA                                                                                |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| <b>14.4. Packing group</b>                                                        |                                                                                   |                                                                                     |
| Not applicable                                                                    | Not applicable                                                                    | Not applicable                                                                      |
| <b>14.5. Environmental hazards</b>                                                |                                                                                   |                                                                                     |
| Dangerous for the environment: No                                                 | Dangerous for the environment: No<br>Marine pollutant: No                         | Dangerous for the environment: No                                                   |

### 14.6. Special precautions for user

#### DOT

UN-No.(DOT)

DOT Special Provisions (49 CFR 172.102)

: UN3164

: 371 - a. This entry also applies to articles not conforming to the requirements of §§173.302, 173.304, or 173.306 of this subchapter, containing a small pressure receptacle with a release device. Such articles must comply with the following requirements: (1) The water capacity of the pressure receptacle must not exceed 0.5 L and the working pressure must not exceed 25 bar at 15 °C (59 °F); (2) The minimum burst pressure of the pressure receptacle must be at least four times the pressure of the gas at 15 °C (59 °F); (3) Each article must be manufactured in such a way that unintentional firing or release is avoided under normal conditions of handling, packing, transport and use. This may be fulfilled by an additional locking device linked to the activator; (4) Each article must be manufactured in such a way as to prevent hazardous projections of the pressure receptacle or parts of the pressure receptacle; (5) Each pressure receptacle must be manufactured from material which will not fragment upon rupture; (6) The design type of the article must be subjected to a fire test. For this test, the provisions of paragraphs 16.6.1.2 except letter g, 16.6.1.3.1 to 16.6.1.3.6, 16.6.1.3.7(b) and 16.6.1.3.8 of the UN Manual of Tests and Criteria must be applied. It must be demonstrated that the article relieves its pressure by means of a fire degradable seal or other pressure relief device, in such a way that the pressure receptacle will not fragment and that the article or fragments of the article do not rocket more than 10 meters; and (7) The design type of the article must be subjected to the following test. A stimulating mechanism must be used to initiate one article in the middle of the packaging. There must be no hazardous effects outside the package such as disruption of the package, metal fragments or a receptacle which passes through the packaging. b. The manufacturer must produce technical documentation of the design type, manufacture as well as the tests and their results. The manufacturer must apply procedures to ensure that articles produced in series are made of good quality, conform to the design type and are able to meet the requirements in (a). The manufacturer must provide such information to a representative of the Department upon request.

DOT Packaging Exceptions (49 CFR 173.xxx)

: 306

DOT Packaging Non Bulk (49 CFR 173.xxx)

: 302, 304

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)

: No Limit

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)

: No Limit

DOT Vessel Stowage Location

: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

#### IMDG

Special provisions (IMDG)

: 283, 371

Limited quantities (IMDG)

: 120 ml

Excepted quantities (IMDG)

: E0

Packing instructions (IMDG)

: P003

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|                                    |                                                                                   |
|------------------------------------|-----------------------------------------------------------------------------------|
| Special packing provisions (IMDG)  | : PP32                                                                            |
| EmS-No. (Fire)                     | : F-C - FIRE SCHEDULE Charlie - NON-FLAMMABLE GASES                               |
| EmS-No. (Spillage)                 | : S-V - SPILLAGE SCHEDULE Victor - GASES (NON-FLAMMABLE, NON-TOXIC)               |
| Stowage category (IMDG)            | : A                                                                               |
| Properties and observations (IMDG) | : Articles containing non-flammable, non-toxic gas necessary for their operation. |

### IATA

|                                              |                   |
|----------------------------------------------|-------------------|
| PCA Excepted quantities (IATA)               | : E0              |
| PCA Limited quantities (IATA)                | : Forbidden       |
| PCA limited quantity max net quantity (IATA) | : Forbidden       |
| PCA packing instructions (IATA)              | : 208             |
| PCA max net quantity (IATA)                  | : No limit        |
| CAO packing instructions (IATA)              | : 208             |
| CAO max net quantity (IATA)                  | : No limit        |
| Special provisions (IATA)                    | : A48, A114, A195 |
| ERG code (IATA)                              | : 2L              |

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

### 15.2. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

## SECTION 16: Other information

according to US HazCom 2012

|                   |              |
|-------------------|--------------|
| Revision date     | : 01/09/2023 |
| Other information | : None.      |

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.