

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name: Firechief ELITE 2kg CO2 Polished Alloy Extinguisher (PXC2)
Firechief CTX 2kg CO2 Extinguisher - Steel (CXC2S)
Firechief CTX 5kg CO2 Extinguisher - Steel (CXC5S)

Product code: 100-1309
100-1680
100-1681

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

Product use: Fire Extinguisher

Uses advised against:

Do not use for purposes other than those listed.

1.3. Details of the supplier of the safety data sheet

Company name:	Firechief Global	Firechief Global
Address:	Sentura House	3rd Floor
3 Lands End Way	3 Lands End Way	40 Mespil Road
	Oakham	Dublin 4
	Rutland, UK	Ireland
	LE15 6RB	D04 C2N4
Telephone:	+44 (0)330 999 0019	+44 (0)330 999 0019
E-mail:	sales@firechiefglobal.com	sales@firechiefglobal.com
Website:	https://firechiefglobal.com	https://firechiefglobal.com

1.4. Emergency telephone number

Contact: +44 (0)330 999 0019

Language: English

Opening hours: Available Monday to Friday (not bank holidays), 8 am to 5 pm (UK time)

General EU: 112 for emergencies (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service).

Poisons Information Centre of Ireland: Members of the public +353 (0)1 809 2166 (8am to 10pm every day).
Healthcare professionals +353 (0)1 809 2566 or +353 (0)1 837 9964 (24hrs).

General UK: 999 for emergencies (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
111 for non-urgent advice.

National Poisons Information Service (NPIS): Members of the public contact your general practitioner or telephone NHS 111.
Healthcare professionals please visit www.TOXBASE.org

SECTION 2: Hazards identification

Note: Classify the chemicals in the fire extinguisher by GHS.



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GHS Classification:

Physical	Health	Environmental
Gases under pressure: Compressed gas	Specific target organ toxicity (Single Exposure) : Category 3	No Classification

GHS Label:

Symbols:



Signal words: Warning

Hazard Statements:

- H280 Contains gas under pressure; may explode if heated.
- H336 May cause drowsiness or dizziness.

Precautionary Statements:

- P261 : Avoid breathing gas.
- P271 : Use only outdoors or with well adequate ventilation.
- P304+P340 : IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P319 : Get medical help if you feel unwell.
- P403+P233+P410 : Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight.
- P405 : Store locked up.
- P501 : Dispose of contents/container in accordance with local regulation.

SECTION 3: Composition/information on ingredients

- Component :** Carbon dioxide
- CAS Number** 124-38-9
- Content%** ≥99.0%

SECTION 4: First aid measures

- General advice:** Consult a physician. Show this safety data sheet to the doctor in attendance.
- Eye:** Flush eyes with water as a precaution.
- Skin:** Wash off with soap and plenty of water. Consult a physician.
- Inhalation:** Remove person to fresh air. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, give artificial respiration.
- Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

SECTION 5: Firefighting measures

Extinguishing Media: This product does not burn.



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Protective Equipment for Fire Fighting: Wear full protective clothing and self-contained breathing air apparatus to fight fires if necessary.

SECTION 6: Accidental release measures

Personal precautions: Use proper personal protective equipment as indicated in Section 8. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions: Use proper personal protective equipment as indicated in Section 8. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up: Dilute with water and mop up, or absorb with an inert dry material. Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage

Handling Procedures: Normal measures for preventive fire protection.

Storage Procedures: Keep container tightly closed in a dry and well-ventilated place. Store in cool place and keep ignition sources away. Keep away from heat.

SECTION 8: Exposure controls/personal protection

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Respiratory protection: Use suitable respirator when high concentrations are present

Skin and body protection: Protective work clothing.

Eye Protection: NIOSH/MSHA Approved Safety glasses/Dust goggles

Hand Protection: Check protective gloves prior to each use for their proper condition. The selection of suitable gloves not only depends on the material, but also on quality.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed. Remove all soiled and contaminated clothing immediately. Wash hands before breaks and at the end of workday. Avoid contact with the eyes and skin.

SECTION 9: Physical and chemical properties

The following shows the physical and chemical properties of the carbon dioxide in the fire extinguisher.

Physical Properties:	Carbon dioxide extinguisher
Odor:	No data available
Molecular Weight:	44.01
pH :	No data available
Boiling Point:	78.5°C
Melting/Freezing Point:	-56.6°C (527KPa)
Ignition Temperature:	No data available

Flash Points (CLOSED CUP):	N/A
Solubility in Water:	No data available
Decomposition temperature:	No data available
Partition coefficient: n-octanol/water	No data available
Relative density:	1.56 (-79°C)
Vapour pressure:	No data available
Vapour density:	No data available
Critical temperature:	31°C
Critical pressure:	7.39MPa

SECTION 10: Stability and reactivity

Stability:	No data available.
Conditions to Avoid:	No data available.
Material to Avoid:	No data available.
Hazardous Decomposition Products:	Carbon oxide
Hazardous Polymerization:	No data available.

SECTION 11: Toxicological information

Acute LD50 (mg/kg) :	No data available.
Acute Inhalation LC50 (mg/L) :	No data available.
Skin corrosion/irritation :	No data available.
Serious eye damage/eye irritation :	No data available.
Respiratory or skin sensitization :	No data available.
Germ Cell Mutagenicity :	No data available.
Carcinogenicity :	No data available.
Reproductive Toxicity :	No data available.
Target Organ Toxicity-single Exposure :	May cause drowsiness or dizziness.
Target Organ Toxicity-repeated exposure :	No data available
Aspiration hazard :	No data available

SECTION 12: Ecological information

Biodegradability:	No data available
Aquatic Toxicity:	No data available
Bio-accumulative Potential:	No data available

SECTION 13: Disposal considerations

Waste Disposal:	Dispose of in a manner consistent with local regulations.
Contaminated packaging:	Dispose of as unused product.

SECTION 14: Transport information

Maritime transport IMDG (41-22)

IMDG(41-22)

IMDG Class: 2.2

UN Number: 1044

Packaging group: Packaging requirements refer to the packaging specification corresponding to the UN number.

Marine pollutant: No

Proper shipping name: FIRE EXTINGUISHERS with compressed or liquefied gas

SECTION 15: Regulatory information

China: This product is classified as class 2.2 according to Regulations on the control over safety of dangerous chemicals, General rule for classification and hazard communication chemicals(GB13690-2009) and List of dangerous goods(GB 12268-2012).

SECTION 16: Other information

The information given on this Safety Data Sheet is to the best of Firechief Global's knowledge and belief, accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability, or completeness. It is the users' responsibility to satisfy themselves as to the suitability and completeness of the information for their own particular use.

This sheet supersedes all previous editions.



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