

Section 1. Product and Company Identification.

1.1 Model Number; DH49 v1
1.2 Description; Baridi Mini Keg Draft Beer Dispenser Tap with Integrated Cooling 5L Capacity
CO² Cylinder-16g

1.3 Manufacturer;

Jack Sealey Ltd t/a Baridi,
Kempson Way,
Bury St. Edmunds,
Suffolk,
IP32 7AR
UK

Jack Sealey (EU) Ltd t/a Baridi,
Farney Street,
Carrickmacross,
Co. Monaghan,
A81 PK68
Ireland

technicalcompliance@sealey.co.uk

1.4 Emergency telephone number; 44 (0) 1284 757 500 (Office Hours)

Date of source compilation; 06/04/2023

Section 2. Hazards Identification.

2.1 Classification of the substance or mixture.

GHS 04 Gas Cylinder

2.2 Label elements.

Hazard pictogram(s)



Signal Word.

Warning

Hazard statements;

H280 is packed with high pressure gas; it may explode

Precautionary statements;

No data available.

2.3 Other hazards.

No data available.



Section 3. Substances.

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Concentration Volume	Classification	
			Hazard Class & Category Code	Hazard Statements ¹
Carbon Dioxide	124-38-9	100%	-	-

¹For full text of Statements, see Section 16.

Section 4. First Aid Measures.

4.1 Description of first aid measures

First Aid measures, general.

Inhalation

Disengage from exposure. If breathing is difficult, give oxygen. If respiratory arrest, perform CPR immediately. Seek medical attention.

Skin Contact

Immediately remove contaminated clothing and rinse thoroughly with soapy water and water.

Eye Contact

Immediately separate eyelids and rinse thoroughly with running water or saline. Seek medical attention.

Ingestion

Rinse mouth and do not induce vomiting. Seek immediate medical attention.

4.2. Most important symptoms and effects, both acute and delayed

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

No data available.

Section 5. Fire Fighting Measures.

5.1. Extinguishing media

Use water spray, dry powder, foam or carbon dioxide extinguishing agents. Avoid using direct running water, which may cause splashing of combustible liquids and spread the fire.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for fire-fighters

Firefighters must wear air-carrying equipment breathing apparatus and full-bodied firefighting suits to extinguish the fire upwind.



Section 6. Accidental Release Measures.

6.1. Personal precautions, protective equipment and emergency procedures

It is recommended that emergency response personnel wear gas-carrying respirators, anti-static clothing and rubber oil resistant gloves.

Contact with or across the spill is prohibited.

Ground all equipment used during operation.

Disconnect the source of the spill if possible.

Eliminate all sources of ignition.

Delineate a cautionary area based on the area affected by the liquid flow, vapour or dust dispersion and evacuate extraneous personnel to a safe area from the side and upwind direction.

6.2. Environmental precautions

Contain spills to avoid contaminating the environment. Prevent spills from entering sewers, surface water and ground water.

6.3. Methods and material for containment and cleaning up

Small spills: Collect spilled liquid in a sealable container if possible. Absorb with sand, activated carbon or other inert materials and move to a safe place. Flushing into sewers is prohibited.

Large spills: Construct an embankment or dig a pit to contain it. Seal drainage pipes. Cover with foam to inhibit evaporation. Transfer to a tanker or special collector with explosion proof pump, recycle or transport to a waste disposal site.

6.4. Reference to other sections

See Section 7 for information on Safe Handling

See Section 8 for information of Personal Protective Equipment.

See Section 13 for information on disposal.



Section 7. Handling and Storage.

7.1. Precautions for safe handling

Do not eat, drink or smoke in the working areas.

Handle containers carefully, avoid violent collisions between or against each other surfaces, prevent falls and mechanical strains.

Do not allow back feed into the cylinder.

Do not expose the containers to temperatures above 50°C.

Prevent water from being sucked back into the cylinder.

7.2. Conditions for safe storage, including any incompatibilities

Containers should be stored in a ventilated area.

Store containers in a location free from fire risk and away from sources of heat and ignition.

Ensure proper storing to prevent toppling, rolling and rusting.

Store full and empty containers separately.

7.3. Specific end use(s)

Intended for use as a gas cylinder for the Model Number identified in 1.1 with Description stated in 1.2.



Section 8. Exposure Controls/Personal Protection.

8.1. Control parameters

Workplace exposure limits.

Substance	CAS number	Workplace exposure limit.			
		Long term.		Short term.	
		ppm	mg.m ³	ppm	mg.m ³
Carbon Dioxide	124-38-9	5000	9150	15000	27400

8.2. Exposure controls

Appropriate Engineering Controls

Prevent the generation of smoke clouds, strict management of the work environment.

Separation of the workplace from other workplaces is recommended.

Eye/Face Protection

Use eye protection and face shield combined with respiratory protection.

Skin Protection

Use appropriate gloves.

Respiratory Protection

Take ventilation, local exhaust ventilation or respiratory protection.

Section 9. Physical and Chemical Properties.

9.1. Information on basic physical and chemical properties

The following information is not a technical specification or sales specification.

(a) Appearance:	Liquified pressure gas, colourless
(b) Odour:	Slight smell
(c) Odour threshold;	No data available
(d) pH:	No data available
(e) Melting point/freezing point;	-78.5 (sublimation)
(f) Initial boiling point and boiling range;	-56.6 (0.52MPa)
(g) Flash point;	No data available
(h) Evaporation rate;	No data available
(i) Flammability (solid, gas);	No data available
(j) Upper/lower flammability or explosive limits;	No data available
(k) Vapour pressure;	No data available
(l) Vapour density;	No data available
(m) Relative density;	No data available
(n) Solubility(ies);	<0.05% (22.9°C)
(o) Partition coefficient: n-octanol/water;	No data available
(p) Auto-ignition temperature;	No data available
(q) Decomposition temperature;	No data available
(r) Viscosity;	No data available
(s) Explosive properties;	No data available
(t) Oxidising properties.	No data available

9.2 Other information No data available



Section 10. Stability and Reactivity.

10.1. Reactivity	No data available
10.2. Chemical stability	The product is stable when stored and used at normal ambient temperatures
10.3. Possibility of hazardous reactions	No data available
10.4. Conditions to avoid	Electrostatic discharge, heat , humidity, etc
10.5. Incompatible materials	No data available
10.6. Hazardous decomposition products	No data available

Section 11. Toxicological Information.

11.1. Information on toxicological effects
No data available



Section 12. Ecological Information.

12.1. Toxicity to fish: C50; Species	Oncorhynchus mykiss (Rainbow trout); Concentration: 240mg /L for 1 hour/ Conditions of bioassay not specified at source
12.2. Persistence and degradability	No data available
12.3. Bioaccumulative potential	No data available
12.4. Mobility in soil	No data available
12.5. Results of PBT and vPvB assessment	No data available
12.6. Other adverse effects	No data available

Section 13. Disposal Considerations.

13.1. Waste treatment methods

Disposal must be in accordance with local authority regulations



Section 14. Transport Information.

ADR. International Carriage of Dangerous Goods by Road.
Not regulated for transport

IATA. International Air Transport Association.
Not regulated for transport

IMDG. International Maritime Dangerous Goods.
Not regulated for transport

Section 15. Regulatory Information.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
No data available

15.2. Chemical safety assessment
No data available

Section 16. Additional Information.

Full text of Statements used in Section 3;

The above information is believed to be accurate and represents the best information currently available.

No warranty is expressed or implied by the above information.

We assume no liability resulting from use of the above information.

The end user should conduct their own investigations to determine the suitability of the above information for their particular purpose.

Issue level	Date	Revisions
1	06/08/20	First issue.
2	19/06/2025	All sections, revised MSDS received from supplier

End of Safety Data Sheet.