Safety Data Sheet

Section 1. Product and Company Identification.

1.1 Model Number; DH455 v1

1.2 Description; Baridi 60cm Integrated Undercounter Fridge, 135L Capacity & Reversible Door Refrigerant 25g

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; 01/04/2008

Section 2. Hazards Identification.

Not relevant to the Model Number identified in 1.1 with Description stated in 1.2.

Refrigerant is sealed and does not present a hazard under normal conditions of use.

Section 3. Substances.

3.1 Chemical Name (substance)	**3.1 CAS No.**	**3.2 Concentration Weight**	**Classification**	
			Hazard Class & Category Code	**Hazard Statements** [1]
ISOBUTANE	75-28-5	99 - 99.9%	Flam. Gas 1 Press. Gas	H220

[1]For full text of Statements, see Section 16.

Section 4. First Aid Measures.

4.1 Description of first aid measures
Inhalation
Move the exposed person to fresh air at once.
Keep the affected person warm and at rest. Get prompt medical attention.

Skin Contact
Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eye Contact
Make sure to remove any contact lenses from the eyes before rinsing.
Promptly wash eyes with plenty of water while lifting the eye lids.
Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Ingestion
Not a typical means of contamination. Do not induce vomiting.

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
Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

5.2. Special hazards arising from the substance or mixture
Aerosol cans may explode in a fire.

5.3. Advice for fire-fighters
Containers close to fire should be removed or cooled with water.
Use water to keep fire exposed containers cool and disperse vapours.

Section 6. Accidental Release Measures.

6.1. Personal precautions, protective equipment and emergency procedures
Keep out of reach of children.
Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
Avoid breathing vapours/spray.
Pressurised container: May burst if heated.
Do not spray on an open flame or other ignition source.
Protect from sunlight. Do no expose to temperatures exceeding 50 °C/122°F.

6.2. Environmental precautions
Remove all sources of ignition.
Evacuate area.
Ventilate area.

6.3. Methods and material for containment and cleaning up
Let evaporate.
Keep out of confined spaces because of explosion risk.

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
Keep out of reach of children.
Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
Avoid breathing vapours/spray.
Pressurised container: May burst if heated.
Do not spray on an open flame or other ignition source.
Protect from sunlight. Do no expose to temperatures exceeding 50 °C/122°F.

7.2. Conditions for safe storage, including any incompatibilities
Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
Pressurised container: May burst if heated.
Protect from sunlight. Do no expose to temperatures exceeding 50 °C/122°F.
Pressurised container: May burst if heated.

7.3. Specific end use(s)
Intended for use as refrigerant for 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
Butane	106-97-8	600	1450	750	1810

8.2. Exposure controls

Appropriate Engineering Controls
Ensure adequate ventilation.

Eye/Face Protection
Chemical safety goggles.

Skin Protection
Wear appropriate protective clothing to prevent contact.

Respiratory Protection
Respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Use chemical cartridge protection with appropriate cartridge

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:	Gas. Colourless.
(b) Odour:	Odourless.
(c) Odour threshold;	No data available.
(d) pH:	Not relevant.
(e) Melting point;	-159.6 °C
(f) boiling point;	-11.8 °C
(g) Flash point;	-76 °C
(h) Evaporation rate;	Not relevant.
(i) Flammability (solid, gas);	Flammable.
(j) Upper/lower flammability or explosive limits;	No data available.
(k) Vapour pressure;	45 psia
(l) Vapour density;	1.01 (Air = 1)
(m) Relative density;	Not relevant.
(n) Solubility(ies);	Slightly soluble in water.
(o) Partition coefficient: n-octanol/water;	Not relevant.
(p) Auto-ignition temperature;	549 °C
(q) Decomposition temperature;	Not relevant.
(r) Viscosity;	Not relevant.
(s) Explosive properties;	Explosive.
(t) Oxidising properties.	Not relevant.

9.2 Other information	Extremely flammable gas.

Section 10. Stability and Reactivity.

10.1. Reactivity	No data available.
10.2. Chemical stability	Stable under normal temperature conditions.
10.3. Possibility of hazardous reactions	No data available.
10.4. Conditions to avoid	Heat, sources of ignition, strong oxidising agents, strong alkalis, strong mineral acids.
10.5. Incompatible materials	No data available.
10.6. Hazardous decomposition products	Carbon monoxide and carbon dioxide released during combustion.

Section 11. Toxicological Information.

11.1. Information on toxicological effects

No data available.

Section 12. Ecological Information.

No data available.

Section 13. Disposal Considerations.

13.1. Waste treatment methods

Prevent exposure to naked flame because of explosion hazard.
Dispose of waste and residues in accordance with local authority requirements.

Section 14. Transport Information.

ADR. International Carriage of Dangerous Goods by Road.

14.1. UN number	UN 3358
14.2. Name and Description	Refrigerating machines containing flammable, non-toxic, liquefied gas
14.3. Class	2
14.4. Packing group	-
14.5. Environmental hazards	Does not present an environmental hazard.
14.6. Special precautions for user	No special precautions necessary.

Special Provision 291
Refrigerating machines and refrigerating machine components are not subject to the requirements of ADR if they contain less than 12 kg of gas.

IATA. International Air Transport Association.

14.1. UN number	UN 3358
14.2. UN Proper Shipping Name/Description	Refrigerating machines containing flammable, non-toxic, liquefied gas
14.3. Class or Division	2.1
14.4. Packing group	-
14.5. Environmental hazards	Does not present an environmental hazard.
14.6. Special precautions for user	No special precautions necessary.

Special Provision A103
Refrigerating machines and refrigerating machine components are considered not subject to these Regulations if containing less than 100 g of flammable, non-toxic, liquefied gas.

IMDG. International Maritime Dangerous Goods.

14.1. UN number	UN 3358
14.2. UN proper shipping name	Refrigerating machines containing flammable, non-toxic, liquefied gas
14.3. Class	2.1
14.4. Packing group	-
14.5. Environmental hazards	Does not present an environmental hazard.
14.6. Special precautions for user	No special precautions necessary.
14.7. Transport in bulk – Maritime only.	Bulk transport is not applicable to this product

Special Provision 291
Refrigerating machines and refrigerating machine components are not subject to the provisions of this Code if they contain less than 12 kg of gas.

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;

H220 Extremely flammable gas.

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	15/04/2026	First issue.

End of Safety Data Sheet.