

# Material Safety Data Sheet

## DBC MARINE SAFETY SYSTEMS LTD / ZODIAC INTERNATIONAL

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### 1) IDENTIFICATION:

Product Name: Life Raft (Life-Saving Appliances, self inflating, UN2990 Class 9) or  
Inflatable Buoyant Apparatus (Life-Saving Appliances, self inflating, UN2990 Class 9)

Supplier:

Manufacturers:

**DBC Marine Safety Systems Ltd.**

101-3760 Jacombs Road  
Richmond BC V6V 1Y6  
Tel: 604-278-3221  
Emergency: 613-996-6666

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101-3760 Jacombs Road  
Richmond BC V6V 1Y6  
Tel: 604-278-3221  
Emergency: 613-996-6666

**Zodiac International**

2, rue Maurice Mallet  
92130 Issy-les-Moulineaux  
00 1 41 23 23 23  
Emergency: 613-996-6666

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### 2) COMPOSITION INFORMATION ON INGREDIENTS: N/A

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### 3) HAZARDS IDENTIFICATION:

- a) Contains compressed CO<sub>2</sub> gas which may vent from cylinder or inflate the liferaft/IBA if heated excessively or under fire conditions. Lifesaving appliance contains a small steel tube of adhesive, 32g. Adhesive is flammable and harmful by inhalation and may cause skin sensitization.
  - b) Lifesaving appliance contains a small steel tube of adhesive, 32g. Adhesive is flammable and harmful by inhalation and may cause skin sensitization.
  - c) Life saving appliance MAY contains distress signals which are flammable. No risk of mass explosion. In a fire distress signals may evolve toxic gases.
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### 4) FIRST AID MEASURES:

If in contact with CO<sub>2</sub> gas, gases from distress signals or adhesive:

- a) Inhalation: Provide patient with fresh air and seek medical advice.
  - b) Eye contact: Irrigate thoroughly with water and seek medical advice.
  - c) Skin contact: Wipe excess adhesive off with paper towel, then clean with resin removing cream or hand cleanser. Do not use solvents. Finally wash with soap and water.
  - d) Ingestion: Do not induce vomiting. Seek medical advice.
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### 5) FIRE FIGHTING MEASURES:

**Extinguishing media:**

Water, Carbon Dioxide, dry chemical powder or appropriate foam.

**Unusual hazards:**

Packed appliance may inflate without warning under fire or excessive heat conditions. Use care in confined spaces as inflated appliance will be several times larger than original package.  
May form harmful fumes under fire conditions.

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**Personal protection:**

Use air-ventilated full mask and full protective clothing.

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**6) ACCIDENTAL RELEASE MEASURES:**

The lifesaving appliance presents no hazards that require safety measures.

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**7) HANDLING AND STORAGE:**

Avoid temperatures above 40C.

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**8) EXPOSURE CONTROL/PERSONAL PROTECTION:**

If inflated in a confined space, either intentionally or by accident, provide ventilation to disperse CO2 gases.

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**10) STABILITY AND REACTIVITY:**

Stable under normal temperature conditions, avoid intense heat and fire.  
May form harmful fumes under fire conditions.

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**11) TOXICOLOGY INFORMATION:**

N/A

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**12) ECOLOGICAL INFORMATION:**

N/A

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**13) WASTE CONSIDERATIONS:**

Remove as domestic waste.

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**14) TRANSPORT INFORMATION:**

Dangerous Goods – UN2990 Class 9.

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**15) REGULATORY INFORMATION:**

N/A

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**16) OTHER INFORMATION:**