



**BERNHARDT  
APPARATEBAU  
GmbH u. Co.**  
RETTUNGSGERÄTE  
FÜR SCHIFFFAHRT  
UND LUFTFAHRT

Bredhornweg 39  
25488 Holm

Tel: +49 4103 125-0  
Fax: +49 4103 125-100

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# **Safety data sheet**

according to 1907/2006/EC

Document-No. UN2990-SDS, Revision: 02, 02.05.2023

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## **1 IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY**

### **1.1 Identification of the substance**

Inflatable Lifejacket

### **1.2 Use of the substance**

### **1.3 Company identification**

BERNHARDT APPARATEBAU

GmbH u. Co.

Bredhornweg 39

25488 Holm/Germany

Phone: +49 4103 125-0

info@secumar.com

www.secumar.com

### **1.4 Emergency telephone**

During office hours (7.45 am to 4.30 pm)

Tel: +49 4103 125-0

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## **2 HAZARDS IDENTIFICATION**

Self-inflating lifejacket, equipped with CO<sub>2</sub> inflation cylinder(s).

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## **3 COMPOSITION/INFORMATION ON INGREDIENTS**

Contains compressed gas in small cylinders, which may explode if heated excessively or under fire conditions.

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## 4 FIRST AID MEASURES

If in contact with CO<sub>2</sub> gas:

**Inhalation** - provide patient with fresh air and seek medical advice.

**Eye contact** - Irrigate thoroughly with water and seek medical advice.

**Skin contact** - May cause cold burns or frostbite in high concentrations.

**Ingestion** - Do not induce vomiting seek medical advice.

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## 5 FIRST AID MEASURES

Carbon dioxide is commonly used as an extinguishing agent, and therefore should not present a problem when trying to control a blaze. Use extinguishing media appropriate for the surrounding fire.

Extinguishing media: Carbon Dioxide, water mist, dry chemical powder or appropriate foam.

Unsuitable extinguisher media: -

Unusual hazards: May form harmful fumes under fire conditions.

Personal protection: Use air ventilated full mask and full protective clothing under fire fighting.

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## 6 ACCIDENTAL RELEASE MEASURES

The lifejacket presents no hazards that require safety measures.

Safety measures for protection of environment: -

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## 7 HANDLING AND STORAGE

### 7.1 Handling

Do not pull the activation handle.

### 7.2 Storage

Store away from direct heat.

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## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

If inflated in a confined space provide ventilation to disperse CO<sub>2</sub> gases.

If inflated appliance will be several times larger than original packaging.

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

Colour: The cylinder contains carbon dioxide, a colourless gas.

Odour: Odourless

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## 10 STABILITY AND REACTIVITY

Stable under normal temperature conditions

### 10.1 Other information

Intensive heating and Fire.

### 10.2 Materials to avoid

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### 10.3 Hazardous decomposition products

May form harmful fumes under fire conditions.

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## 11 STABILITY AND REACTIVITY

CO<sub>2</sub> is dangerous in high volumes.

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## 12 ECOLOGICAL INFORMATION

Carbon dioxide occurs naturally in the atmosphere. The gas will be dissipated rapidly in well ventilated area. Due to the small cylinder size, no adverse effect is anticipated.

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## 13 ECOLOGICAL INFORMATION

Waste disposal must be in accordance with the appropriate local regulations.

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## 14 TRANSPORT INFORMATION

Class 9 – Hazardous: UN2990

Sea and road transport: Non-Hazardous under special provision 296.

Air freight: Exempt from air carriage regulations (IATA DGR's) under Special Provision A223.

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## 15 REGULATORY INFORMATION

Not required

Education: User must be familiar with this safety data sheet.

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## **16 REGULATORY INFORMATION**

Advice on training/ instruction: Regarding Education, see item 15.

Final comment: Since user's working conditions are beyond our control and knowledge, we draw the user's attention to their responsibility regarding the necessary precautions and living in accordance with current legislation.